

Agriculture Sciences and Technology

LIVESTOCK PRODUCTION

Why study livestock production?

At UFV, you can train for a career in the growing field of agriculture, whether you want to work “on farm” raising livestock, or “off farm” in the agri-service sector, including opportunities in business management, sales, marketing, and research.

WHAT TYPE OF CAREER CAN I EXPECT?

As a skilled UFV agriculture graduate, you will be in high demand. Career opportunities for our agriculture grads are excellent and you should have no trouble finding work in the livestock or general agricultural industries. Some livestock-related occupations you might consider include dairy farm manager or owner/operator, dairy herdsman, artificial insemination specialist, ranch hand, sales representative for livestock-related supplies, government livestock and forage technician, swine production assistant, poultry producer, and soils technician.

UFV now offers a Bachelor of Business Administration degree with an Agriculture Management option into which you can ‘ladder’ once you have completed your diploma.

You might also go abroad and work as part of the international agricultural student exchange program. As a graduate of any of UFV’s agriculture diploma programs, you are also eligible to transfer to Olds College in Alberta and receive transfer credit towards a Bachelor of Science degree in applied technology. You could also stay at UFV to pursue a Bachelor of General Studies program or consider transferring to the University of Lethbridge in Alberta.



“Our hands-on practical program at UFV prepares our students for many exciting opportunities in the agriculture livestock industry.”

— PAUL GUMPRICH,
UFV livestock instructor.

Agriculture Sciences and Technology



“The Agriculture Technology livestock option taught me so much about nutrition and animal health, along with lots of other information that gave me something to build on in the horse industry.”

— AMY VAIL, 2005 Livestock Production graduate.

WHAT CAN UFV OFFER ME?

The Agriculture department at UFV's Chilliwack campus offers a short Milker Technician certificate, a comprehensive one-year Livestock Production certificate and two-year Agriculture Technology diploma with an option in Livestock Production.

Once you've completed the one-year certificate, you can ladder directly into the diploma. As a livestock production student, you will participate in hands-on learning in our UFV barn.

Our programs provide an excellent balance of theory and practice, and emphasize management practices compatible with agricultural sustainability and society's increasing concerns about environmentally responsible agricultural production techniques and animal welfare

UFV's Agriculture department also offers several short 'Essentials' certificates for people entering the industry, or those who already work in agriculture but would like to learn more. Our new Essentials certificates are called: Berry Production, Field Vegetable Production, Integrated Pest Management, Current Agricultural Practices, and Milker Technician. Contact the Agriculture department to find out more about these new certificate opportunities.

WHAT DO I NEED TO GET IN?

As an applicant to the Livestock Production program, you must be at least 18 years old, and have the following:

1. B.C. secondary school graduation, or equivalent, and
2. English 11, Principles of Math 11 (or Math 11), and one of the following Grade 11 sciences:
 - » Biology
 - » Chemistry
 - » Earth Sciences
 - » Physics
 - » or Agriculture 11 and 12 with a minimum grade of C required in both subjects.

You can arrange to take any necessary upgrading courses to meet the requirements through UFV's Upgrading and University Preparation department. Contact the Agriculture department at 604-795-2813 for details.

ANYTHING ELSE I NEED TO KNOW?

Good physical health with a strong desire for hands-on work with livestock is important and you must be willing to carry out physical work. Occupations in the livestock industry frequently are performed outside or in barns.

If you have allergies to dust, sawdust, or animals, you should carefully consider whether or not this is the best career path for you.

I'M INTERESTED.

WHAT'S THE NEXT STEP?

Check out our online calendar at www.ufv.ca/calendar and download an application form. Read the Agriculture section carefully. Fill out the application and submit it, along with the required documents and the \$45 application fee, to the Admissions and Records office at any UFV campus or centre or apply online at www.pas.bc.ca.

You must take a Composition Placement Test (CPT) in order to register for Communications 125 — CMNS 125 is a requirement for graduation. If you do not take the CPT, you can still register for Agriculture courses, but without CMNS 125 you will not meet all the requirements for graduation.

You are also encouraged to arrange an interview with the Agriculture department at 604-795-2813 before admission to the program; this is particularly important if you're considering part-time studies.

CAN I GET ACADEMIC CREDIT FOR THE SKILLS AND KNOWLEDGE THAT I HAVE GAINED IN MY LIFE SO FAR?

Yes. UFV offers Prior Learning Assessment and Recognition (PLAR), a flexible assessment process that evaluates your experiential learning (what you already know and can do) for post-secondary credit. Experiential learning includes independent study, volunteer activities, non-credit courses, workplace learning, and military service. To find out more, check out the PLAR website at www.ufv.ca/plar or contact Susan Brown, Assessment Services Coordinator, PLAR at 604.851.6342 or susan.brown@ufv.ca.

SOUNDS GREAT. WHAT WILL I LEARN?

Year one of the Agriculture Technology diploma (Livestock Production option) is exactly the same as the one-year Livestock Production certificate.

All courses from the Livestock Production certificate transfer directly to the two-year Agriculture Technology diploma.

Once you've successfully completed the one-year Livestock Production certificate in-class requirements, you can opt to earn a Milker Technician certificate by working in a milking parlour to fulfill the requirements for AGRI 192, Practicum I.

LIVESTOCK PRODUCTION CERTIFICATE

YEAR ONE/SEMESTER I (FALL)

| COURSE # | TITLE |
|--|--|
| AGRI 142 or BUS 100 | Agribusiness Principles Introduction to Business |
| AGRI 163 | Pest Biology and Identification |
| AGRI 237 | Introduction to the Health and Nutrition of Farm Animals |
| AGRI 238 | Equine Production and Management |
| CMNS 125 | Introduction to Workplace Communications |
| In even-numbered years, you must also take: | |
| AGRI 239 | Management and Production of Beef, Sheep, and Goats |
| In odd-numbered years, you must also take: | |
| AGRI 256 | Management and Production of Poultry and Swine |

YEAR ONE/SEMESTER II (WINTER)

| COURSE # | TITLE |
|----------|---|
| AGRI 183 | Farm and Equipment Safety |
| AGRI 192 | Practicum I |
| AGRI 203 | Fundamentals of Pest Management |
| AGRI 204 | Introduction to Soils and Soil Fertility |
| AGRI 254 | Ruminant Animal Health |
| AGRI 328 | Forage Crop Production: Science and Practice |
| AGRI 331 | Dairy Production and Management: Science and Practice |

AGRICULTURE DIPLOMA: LIVESTOCK OPTION

YEAR TWO/SEMESTER III (FALL)

| COURSE # | TITLE |
|--|--|
| AGRI 247 | Enterprise Project: Part I |
| AGRI 272 | Agriculture Seminar Series |
| AGRI 311 | Sustainable Soil Management |
| CMNS 251 | Professional Report Writing |
| Select one of: | |
| ECON 100 or ECON 101 | Principles of Microeconomics Principles of Macroeconomics |
| In even-numbered years, you must also take: | |
| AGRI 239 | Management and Production of Beef, Sheep, and Goats |
| In odd-numbered years, you must also take: | |
| AGRI 256 | Management and Production of Poultry and Swine |

YEAR TWO/SEMESTER IV (WINTER)

| COURSE # | TITLE |
|----------|---|
| AGRI 206 | Field Techniques in Pest Management |
| AGRI 212 | Introduction to On-Farm Food Safety, Quality and Security |
| AGRI 248 | Enterprise Project: Part II |
| AGRI 292 | Practicum II |
| AGRI 371 | Sustainable Holistic Agriculture: Planning and Practices |
| BUS 120 | Essentials of Marketing |

Note: Courses in artificial insemination and agricultural welding are recommended for your studies. Information on where you can take these courses can be obtained from the Agriculture department. You should budget about \$500 each for these outside courses. While they are recommended, they are not required.

HOW MUCH WILL IT COST?

It's best to refer to the Fees and Other Costs section of UFV's online calendar at www.ufv.ca/calendar for tuition fees. Keep in mind that new fees are usually set each May. If you're taking either the diploma or certificate program, you should budget about \$1,500 annually for books, field trips, and supplies. An additional \$90 will cover the cost of materials and examination fees needed to write the Provincial Pesticide Applicator's or Dispenser's exam.

It's worth a visit to the UFV Financial Aid and Awards office, which facilitates the disbursement each year of about \$12 million in federal and provincial student loans, grants, bursaries, scholarships, and awards to UFV students.

HOW DO I APPLY?

While most of our students study full time, you are welcome to study part time. We offer flexible entry: you can start in either September or January. However, because of course sequencing the most efficient way to complete the diploma program is to start in September. Applications to all programs are accepted anytime. As a qualified applicant, you will be eligible for the next available seat.

WHERE IS THE PROGRAM DELIVERED?

All Agriculture programs are based at the Chilliwack campus. For more information about our Agriculture programs at UFV, call the Agriculture department at 604-795-2813 or visit www.ufv.ca/agriculture.

SOUNDS GOOD. WHAT DO I DO NOW?

Apply right away. Visit www.ufv.ca/advising/prospective/enroll for a step-by-step process to becoming a UFV student. Have specific questions? Contact the Agriculture department at 604-795-2813.

WHAT KIND OF ASSISTANCE IS THERE TO HELP ME ADJUST?

Please visit www.ufv.ca/student-services to learn about our many services designed to help you adjust to the university environment.

CAN I SPEAK WITH SOMEONE ABOUT MY OPTIONS?

Absolutely. If you're unsure of your direction, contact the Agriculture department at 604-795-2813. You can also call Student Services at 1-888-504-7441 to connect with an educational advisor, or arrange for career counselling.



The information contained in this document is subject to change. Please refer to www.ufv.ca/agriculture for up-to-date information. UFV reserves the right to cancel courses and programs.



About UFV

Nestled in the beautiful Fraser Valley just east of Vancouver, in B.C., UFV is a fully accredited, public university that enrolls more than 11,000 students each year. UFV has campuses in Abbotsford, Chilliwack, and Mission and regional centres in Hope and Agassiz, and a growing presence in Chandigarh, India.

UFV is committed to exceptional post-secondary instruction and a nurturing learning environment. We are large enough to offer variety, yet small enough to offer the personal attention that our students need to thrive. Our small class sizes and focus on teaching allow our students to get to know their instructors and learn in a hands-on setting.

We offer more than 80 programs, including 13 bachelor's degrees, a master's degree, and more than a dozen trades and technology programs. We believe that anyone who wants to go to university should be given the chance, so our admission policies are flexible, and we provide university prep courses and high school completion options. There are many options for learning: full-time, in class, online, as part of a structured program or one tailored specifically to your interests.

Many of our programs "ladder" into one another, allowing students to keep their options open. Our international programming makes for a culturally diverse student body and great opportunities to study abroad, while our continuing studies offerings make learning a lifelong experience.

UFV is recognized nationally for student success, an excellent learning environment, creative integration of programming, and our work with our local communities.

Get to know us better at www.ufv.ca.

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