



PROGRAM REQUIREMENTS

www.cvtc.edu - 1-800-547-2882

START DATE(S): August, January	EFFECTIVE: AUGUST 2010
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AGRISCIENCE TECHNICIAN: Program Outcomes

Associate Degree

Course Number	Course Title	Hrs./Wk.	Cr.	Animal Science	Agronomy/Conservation Planning	Prerequisite(s)/Comments
First Semester						
006-116	Introductory Soils (T, L)	4	3	X	X	Fall only
006-123	Agriculture Equipment (T, L)	4	3	X	X	Fall only
006-180	Animal Science (T, L)	4	3	X		Fall only
103-102	Microsoft Office Suite (T, L)	3	2	X	X	
801-195	Written Communications (T)	3	3	X	X	(Prepared Learner Guide)
804-106	Intro. to College Mathematics (T, L)	4	3	X	X	(Prepared Learner Guide)
	Elective(s)**	-	1-3			See suggested electives
Total Sem. Hrs./Wk. and Total Cr.				17 cr.	14 cr.	
Second Semester						
006-110	Genetics (L)	2	1	X	X	Spring only
006-138	Principles of Ag. – Products Mktg. (T, L)	4	3	X	X	Spring only
006-151	Plant Protection Products (T, L)	3	2		X	Spring only
006-160	Plant Science (T, L) [<i>1st 8 weeks</i>]	8	3		X	Spring only
006-161	Weed Identification , (T) [<i>2nd 8 weeks</i>]	4	2		X	Spring only
006-182	Animal Reproduction (T, L)	4	3	X		Spring only
007-111	Applied Biotechnology (T, L)	3	2	X	X	Spring only
806-134	General Chemistry* (T, L)	5	4	X	X	High School Chemistry and Algebra, <i>or</i> 836-133 Prep for Chemistry and 804-110 Elementary Algebra with Apps. (Prepared Learner Guide)
* <i>General Chemistry 806-134</i> (4 credits, 5 hours) is a requirement for graduation. This in lieu of this requirement you may take 836-133 Prep for Basic Chemistry and 4 credits of Associate Degree course work. Please see a program counselor for further advisement						
	Elective(s)**	-	1-3			See suggested electives
Total Sem. Hrs./Wk. and Total Cr.				13 cr.	17 cr.	
Summer Semester (8 weeks)						
006-164	Plant Pathology and Entomology (T, L) [<i>weeks 3-8</i>]	8	2		X	Summer only
006-184	Herd Health and Sanitation (T) [<i>weeks 3-8</i>]	6	2	X		Summer only
006-190	Agriscience Internship (<i>weeks 1-8</i>)	36	3	X	X	Flexible start
Total Sem. Hrs./Wk. and Total Cr.				5 cr.	5 cr.	
Third Semester						
006-114	Legal Aspects of Agriscience (T) OR	2	2	X		Fall only
006-192	Farm Business Spanish	3		X	X	
006-120	Livestock Computer Applications (L)	4	2	X	X	Fall only
006-122	Agriculture Facilities (T, L)	3	2	X	X	Fall only
006-130	Agribusiness Financial Management (T)	2	2	X	X	Fall only
006-140	Agribusiness Sales (T, L)	4	3	X	X	Fall only
006-162	Soil Fertility and Fertilizers (T, L)	3	2		X	Fall only
006-168	Row Crop Management (T, L)	3	2		X	Fall only
006-188	Feed Analysis (L)	4	2	X		Fall only
809-195	Economics (T)	3	3	X	X	(Prepared Learner Guide)
	Elective(s)**	-	1-3			See suggested Electives
Total Sem. Hrs./Wk. and Total Cr.				16 cr.	16 cr.	

Course Number	Course Title	Hrs./Wk.	Cr.	Animal Science	Agronomy/ Conservation Planning	Prerequisite(s)/ Comments
006-166	Fourth Semester Computer Applications – Agronomy (L)	4	2		X	Spring only
006-169	Forage Crop Management (T, L)	3	2	X	X	Spring only
006-186	Managing Youngstock and Dry Cows (L)	2	1	X		
006-189	Ration Formulation (T, L)	3	2	X		Spring only
801-198	Speech (T) OR	3	3	X	X	(Prepared Learner Guide)
801-196	Oral/Interpersonal Communication					(Prepared Learner Guide)
809-196	Introduction to Sociology OR	3	3	X	X	(Prepared Learner Guide)
809-199	Psychology of Human Relations (T)					(Prepared Learner Guide)
809-198	Introduction to Psychology (T)	3	3	X	X	(Prepared Learner Guide)
	Elective(s)**	-	1-3			
	Total Sem. Hrs./Wk. and Total Cr.			14 cr.	13 cr.	
001-111	Suggested Electives (Choose one from each grouping) Sustainable Land Use Management	4	3			
006-199	Independent Study-Agriscience		1-2			Arranged time
006-141	Introduction to Agricultural Engineering	2	2			
607-130	Fundamentals of Surveying OR	6	2			1 st 8 weeks, Fall only
006-191	Advanced Internship		2			To be arranged
458-320	CDL License Training	2	1			SPRING ONLY, PROGRAM STUDENT, THIRD SEMESTER STUDENTS, DRUG TEST REQUIRED - DOES NOT COUNT TOWARD GRADUATION REQUIREMENTS

TOTAL CREDITS REQUIRED =70

2.0 MINIMUM PROGRAM CUMULATIVE GPA REQUIRED FOR GRADUATION

*****A total of 5 elective credits are required and students are advised to select electives in the terms that best meet their individual needs.***

If a student does not enroll in any courses at CVTC for two or more consecutive semesters, the student will be required to reapply with Admissions. Students must abide by any changes in admission requirements and degree requirements.

Minimum requirements for graduation require all general education and support classes and all the classes for at least one track of the program. Alternate track courses are often taken to meet the elective requirements. A minimum of 70 credits comprises a complete program. Students are encouraged to take classes from multiple tracks to enhance their employability in Agribusiness.

Agriscience Technician Tips

August/January Start Times

A limited number of students are admitted in January if seats are available. They begin with classes listed as second semester courses. They then take third, fourth, and finally first semester courses.

804-106 Introduction to College Math

Waiver of the Introduction to College Math requirement may be possible if a student has completed 3 years of college prep math in high school with a minimum grade of "B". Contact program counselor for further information at 1-800-547-2882, ext. 6346 or 715-833-6346.

Summer Requirements

Courses required to be taken in the summer:

- 006-164 Plant Pathology and Entomology, 2 credits (Agronomy/Conservation Planning emphasis)
- 006-184 Herd Health and Sanitation, 2 credits (Animal Science emphasis)
- 006-190 Agriscience Internship, 3 credits

Distance Learning

Some courses are available via distance learning. See the current CVTC website www.cvtc.edu for a complete listing of courses.

Transfer Credit

To see what courses transfer to a public postsecondary institution in Wisconsin, go to the Transfer Information System at www.uwsa.edu/tis,

- Click on Credit Transfer Wizard
- Click on Course Wizard

You must contact the college you wish to attend to find out exactly what they expect and when you should seek admission. The Transfer Information System does not include private colleges or out-of-state institutions.

CHOOSING AN EMPHASIS

- **Agronomy/Conservation Planning:** work in agronomy departments of farm supply businesses; nutrient management planner, county watershed technician, custom apply pesticides and fertilizers; mix, load, and tender chemical and fertilizer delivery; identify pest problems; assist clients to develop nutrient and pest management programs, set up promotion and demo programs for agronomic products; maintain inventory. Examples: Certified Custom Applicator, Crop Scout and Crop Production Specialist. Associate Degree grads may work into positions as fertilizer and chemical plant managers, branch location managers, district product reps.
- **Animal Science:** work in livestock related agribusiness as local and district field reps in the areas of artificial insemination, feeds, milking equipment, and serve as nutrition and/or management consultants or serve as a service/product representative. Examples: Livestock/Dairy Herd Managers, Livestock Consultants/Sales/Service Representatives and Lab Technicians.

General Chemistry 806-134* (4 credits, 5 hours) is a requirement for graduation. This in lieu of this requirement you may take 836-133 Prep for Basic Chemistry **and 4 credits of Associate Degree course work. Please see a program counselor for further advisement.

Suggested Electives

Introduction to Agricultural Engineering 006-141, (2 credits, 2 hours), No prerequisite

Using selected landscape design software, students will learn the steps needed to create a landscape design plan for both commercial and home landscapes. Site analysis, planning, and landscape design will be emphasized.

Advanced Agriscience Internship 006-191 (2 credits, 144 hours, independent study)

Students are placed with an agribusiness in specialty of their choice. Experience with real workplace situations.

Independent Study-Agriscience 006-199 (1-2 credits, hours may vary)

Agriscience is a course designed to give the student an opportunity to research an area of agriculture production, agriscience or agribusiness that is not part of the regular curriculum. The student learning plan including required reports and projects are developed in conjunction with the instructor.

Fundamentals of Surveying 607-130 (2 credit, 6 hours)

Principles and practices of land surveying.

CDL License Training 458-320 (1 credit, 2 hours) No prerequisite, ***Does not count toward graduation requirements***

Includes 20 hours of class and driving; **strongly recommended.**

Sustainable Land Use Management 001-111 (3 credit, 4 hours)

Analyze the existing landscape to determine the best management practices for the location. Students will gain practical knowledge on procedures for maintaining established landscapes and the economic return. Benefits on well selected and skillful placement of native plant material for the landscape will be an integral part of the overall approach to sustainable land use in this course.

Financial Aid Considerations

- Federal financial aid requirements say that students must complete their programs by the time 150% of the published credits have been attempted.
- Some courses may not be eligible for financial aid. Courses must be part of a program to be eligible. A list of courses not eligible is located on www.cvtc.edu.