



**Colorado Northwestern Community College  
Agricultural Science Certificate**

<u>Credits</u>	<u>General Education Requirements (9 credits)</u>	<u>Course Number</u>
3	Introduction to PC Applications	CIS 118
3	Career Communication or Communications	COM 105 or COM 115
3	Career Math or higher	MAT 107 or higher

<u>Credits</u>	<u>Specialized Agriculture Requirements (11 credits) **</u>	<u>Course Number</u>
2	Independent Study or Internship	AGB 180 or AGP 180 or ASC 185 or AGR 185

A minimum of six (6) credits (or a maximum of 9) may include:

3	Agriculture Economics (GT-SS1)	AGE 102
3	Farm and Ranch Management	AGE 205
3	World Interdependence: Population & Food (GT-SS3)	AGR 260
4	General Crop Production	AGY 100
3	Introduction to Animal Science	ASC 100
4	Introduction to Plant Science	HLT 100
3	Principles of Range Management	RAM 205

A maximum of three (3) credits will be applied to certificate and can include:

3	Small Gasoline Engines	ADE 135
2	Basic Ag. Mechanic Skills	AME 105
2	General Power Mechanics	AME 107
3	Farm Carpentry	AME 118
3	Fundamentals of Welding	AME 151
3	Agricultural Machinery	AME 125
1	Safety for Welders	WEL 100
4	Introduction to Tungsten Arc Welding	WEL 124
4	Introduction to Gas Metal Arc Welding	WEL 125
2	Maintenance Welding	WEL 130

**20 TOTAL CREDITS**

\*\* : Please note that not all agricultural courses are offered. Please check with your advisor to determine what is available at your campus.