

SHSM

SPECIALIST HIGH SKILLS MAJOR

REQUIREMENTS CHEAT SHEET



1

REQUIRED CREDITS

(Bundle of Credits)

- 4 Agriculture major credits (Gr. 11 & 12)
- 1 Math credit (Gr. 11 or 12)
- 1 Science or Business studies or additional Co-op credit (Gr. 11 & 12)
- 1 English credit (Gr. 11 & 12)
- 2 Cooperative education credits (Gr. 11 or 12)

Agriculture

2

CERTIFICATION WORKSHOPS

(Sector-recognized certifications & training)

COMPULSORY

Must complete the following:

- Cardiopulmonary Resuscitation (CPR) Level C- includes automated external defibrillation (AED)
- Standard First Aid
- Workplace Hazardous Materials Information System (WHMIS) - generic (i.e., not site-specific) instruction

ELECTIVES

Must complete three (or more) of the following:

- | | |
|---|---|
| <input type="checkbox"/> Advanced training in a technique | <input type="checkbox"/> Large animal handling |
| <input type="checkbox"/> Advanced training in a technology, land & forest survey skills | <input type="checkbox"/> Leadership skills |
| <input type="checkbox"/> Animal first aid | <input type="checkbox"/> Livestock medicine |
| <input type="checkbox"/> Anti-oppression & allyship training | <input type="checkbox"/> Livestock production |
| <input type="checkbox"/> Approaches to healing | <input type="checkbox"/> Lockout/tagging |
| <input type="checkbox"/> Basic electrical safety | <input type="checkbox"/> Nutrient management |
| <input type="checkbox"/> Chainsaw safety | <input type="checkbox"/> Portfolio development |
| <input type="checkbox"/> Compass/map/global positioning system (GPS) | <input type="checkbox"/> Principles of drainage |
| <input type="checkbox"/> Customer service | <input type="checkbox"/> Project management |
| <input type="checkbox"/> Equipment operation safety | <input type="checkbox"/> Safe lifting |
| <input type="checkbox"/> Fall protection | <input type="checkbox"/> Sector-specific software 1 |
| <input type="checkbox"/> Fire safety & fire extinguisher use | <input type="checkbox"/> Sector-specific sustainability practices |
| <input type="checkbox"/> First aid/CPR/AED awareness | <input type="checkbox"/> Sector specific vehicle operation & safety |
| <input type="checkbox"/> Fundamental of the combine - level 1 | <input type="checkbox"/> Seed saving |
| <input type="checkbox"/> Grain grading | <input type="checkbox"/> Small engine maintenance |
| <input type="checkbox"/> Hazardous atmospheres & confined spaces | <input type="checkbox"/> Soil classification and testing |
| <input type="checkbox"/> Health and safety - basic | <input type="checkbox"/> Sustainable resource management planning |
| <input type="checkbox"/> Herbicide and pesticide | <input type="checkbox"/> Theory of combine settings and adjustments - level 2 |
| <input type="checkbox"/> Hydraulics - basic | <input type="checkbox"/> Transgenic plant identification |
| <input type="checkbox"/> Infection control | <input type="checkbox"/> Vehicle lift safety |
| <input type="checkbox"/> Introduction to pest management | <input type="checkbox"/> Weed & pest identification & management |
| <input type="checkbox"/> Ladder safety training | <input type="checkbox"/> Working at heights |
| <input type="checkbox"/> Land and forest survey skills | |

3

EXPERIENTIAL LEARNING

(And career exploration activities)

Do at least one. Examples?

- Job Shadowing
- 1-2 Weeks in the field
- Other unique experiences

4

REACH AHEADS

(Experiences to try out your path)

Attend at least one. Examples?

- Career panel or speaker
- Interview with current students or employees
- Campus or job site visit

5

SECTOR-PARTNERED EXPERIENCE (SPE)

(Industry-relevant activities)

Do at least one of these trainings:

- Industry-relevant coding
- Industry-relevant mathematical literacy
- I.C.E. (Innovation, Creativity, & Entrepreneurship) Training

