

# Ag Advisory Meeting Minutes

February 17, 2023

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## **Schedule:**

**9:00-11:00am- Meet in Room 705 (Light Breakfast and Coffee Serve)**

**Zoom Link:** <https://minnstate.zoom.us/j/96184911514>

1) Welcome/Introductions

Attendance:

Jessica Fauschild – Clayhill processing

Katie Shaw – Thief River Falls High School Agriculture Teacher and FFA Adviser

Samantha Lahman – NDSU Extension Animal Science State Director

Brad Naplin – Waage Farms

Ashley Nerhus – Pennington County 4H Extension Educator

Grant Nelson – Extension Office Agriculture Agent

Aaron Yaggie – Red River Ag and Yaggie Farms

Morgan Burns – Graduate of the Ag Program

Curtis Zoller – Associate Dean for Transportation at NCTC

2) Agenda Additions/Corrections

3) Update on Program Numbers

a. Graduate for 2023 – 6 (4 working in industry (CHS, FSA, Started own Business, Barracks Farm\_ and 2 went on to UMC)

b. Workforce Scholarship \$2,500 per year

c. 2023 Spring 6-8 students depends on class



4) Curriculum Review

a. Current Curriculum – see attachment

i. Revised Courses:

a. AGRG 1100 Intro to Agriculture

Revisions: Motion Made by: Grant Nelson

Second: Samantha Lahman

Motion Passed to accept curriculum changes unanimously.

b. AGRG 1115 Intro to Agronomy to AGRG 1200 Plant Science

Revisions:

Update Title, Keep 4 credits, add floriculture/horticulture, science health in objectives. Reflect all areas/species of plants in Agriculture

Motion Made by: Samantha Lahman

Second: Jessica Fauschild

Motion Passed to accept curriculum changes unanimously.

c. AGRG 1120 Food Products from 4 cr to 3 cr AGRG 1125

a. Align course with other articulation agreements in credit load. Change in credits to reflect the changes in the overall program changes in credit loads of classes.

b. Motion Made by: Sam Lahman

Second: Jessica Fauschild

Motion Passed to accept curriculum changes unanimously.

ii. New Courses

a. AnSc 2600 Reproduction of Livestock

a. Suggestion: Add Poultry Reproduction

b. Great and growing industry. This is a perfect class to offer to the community.

b. Motion Made by: Ashley Nerhus

Second: Brad Naplin



Motion Passed to accept curriculum changes unanimously.

c. AnSc 1200 Companion Animals

- a. Growing industry to fit the needs of the future. We are getting ahead of the curve.
- b. Discussion on Community Clinic and brining animals into the college with working with local vet.

Motion Made by: Ashley Nerhus

Second: Brad Naplin

- a. Motion Passed to accept curriculum changes

iii. New 1 year AnSc Diploma – Core Animal Science Courses, courses can be completed in one year. Driven by industry and students needs.

- a. 1 year degree industry driven diploma
- b. Clayhill Farms – Jessica Fauchild said she would defiantly hire anyone with this diploma on her farm or in their Meat Processing business.
- c. Bread, Waage Farms – Hands down with this knowledge we could hire a student with this knowledge to work in the feedlot.
- d. Grant Nelson – This is what is making a student marketable, a little knowledge of all skills.
- e. All agreed, the industry is going to train you their way, however, coming in with this knowledge base puts them ahead of others as the information is hands on and practical. This is an excellent decision to get students into the work force fast and back on the farm.

- f. Motion Made by: Ashley Nerhus

Second: Brad Naplin

Motion Passed unanimously to add the AnSc Diploma to curriculum.



- iv. Proposed 2 year degree changes: (based on articulations, industry evaluations, previous student evaluations and needs/missing components of the curriculum over 4 years.)
- a. AGRG 1115 Intro to Agronomy changes to AGRG 1300 Plant Science . The course should not be just field crops, have added fruit, veggies, water, more depth of soil health etc.
  - b. Change AGRG 1120 Food Products from 3 to 4 credits to align with articulation agreements. Will turn into AGRG 1121.
  - c. Drop BIOL 1131 Natural Resources – move soil, water and concepts to plant science and Intro to Ag
  - d. Drop PAET 1100 Intro to Precision Ag – Move Ag Technology pieces to AGRG 1100 Intro. To Ag
  - e. Add Companion Animal and Reproduction of Livestock missing pieces in the curriculum, Both are offered at UMC and Vet Tech programs
  - f. Discussion on Intro to Chemistry vs public Speaking. Industry wants the public speaking and chemistry is something they can do in addition with correct advising and moving on to a 4 year degree. Make sure in advising to highly suggest Intro to Chem to be taken in their 2 years at Northland if moving forward,
  - g. PreVet Degree – Use the liberal ed program with emphasis in the use of electives on the science courses we offer.
  - h. Students with an AAS Animal Science would graduate with a Certificate in General Ag, AnSc Diploma and Animal Science AAS degree.
  - i. Motion Made by: Ashley Nerhus  
Second: Brad Naplin  
Motion Passed to accept curriculum changes  
unanimously for the AAS Animal Science Degree



- iii. Changes in General Ag Certificate
    - a. Drop PAET 1100
    - b. Add AGRG 1300 Plant Science
  - iv. Drop Advanced Ag Certificate
    - a. Motion Made by: Samantha Lahman  
Second: Morgan Burns  
Motion Passed to accept curriculum changes  
unanimously for the General ag and advanced Ag  
Cert drop
- 5) Future:
- a. What do you see are needs of your industry or your business in the future?
    - 1. Should our community/area be looking at adding an Agronomy program?
      - a. An **Agronomist Technician** with industry driven skills is needed.
      - b. Components of the degree should include: Weed Science/Resistance, Crop and Weed ID, A/C licenses, Drone work, Fertilization and Volatilization, Soil, water, Growing Degree Days, Crop rotations, computer skills, precision Ag, Record Keeping and Agribusiness, general problem solving, Pest ID and Integrated management, Chemical Application, entomology
    - 2. **Meat Cutting** – Valuable for our community and for students. The younger hunting community this may be away to understand they are apart of agriculture HACCP Plan creations. Homesteading population this is a growing trend. Community Ag class of useable cuts and households, there is room and need for more meat cutters. Add veggie processing/canning/freezing/fermentation the science and safety aspects. USDA approved trailer would be great.
  - c. How do we get non-agriculture students into agriculture??



- a. Hunters
- b. Trap
- c. 4-H
- d. Career Fairs

d. Idea's for additional community/industry (all of ag) members is our area, state, Midwest or globally??

- 1. Jesse Bushelle
- 2. CSA Community/Homesteaders
- 3. Implement Dealer
- 4. Dairy Industry
- 5. NCRS
- 6. SWCD
- 7. Ag Sustainability/Natural Resources
- 8. Commercial Poultry producers

7) Other?

8) Next Meeting – Zoom meeting in Winter Dec.

9)Adjournment

