**Precision Agriculture (PAG) Major Map**

**B.S.**

1. **1st Year**
   - **Navigate Coursework**
     - English, Math, Communication, Introductory PAG Courses, Gen Ed Electives.
   - **Develop Skills Through Experience**
     - Explore student organizations to join, aligned with career direction. See ABEN website or NDSU Clubs Directory for ideas.
   - **Seek Out Connections**
     - Attend the clubs organization fair in the fall, join an organization and attend meetings, peer mentoring.
   - **Understand Broader Perspectives**
     - Explore self, including personality, strengths, interests, and skills. Consider a study-abroad experience.
   - **Go! Build Your Future**
     - Attend to orientation sessions, visit with Academic Advising, visit with the Career & Advising Center, and attend Career Fairs during the year – for career or program decisions.

2. **2nd Year**
   - **Navigate Coursework**
     - Chemistry, Statistics, Precision Ag Courses, Crop Production, Gen Ed Electives.
   - **Develop Skills Through Experience**
     - Log into Handshake to consider an on- or off-campus job to expand experience.
   - **Seek Out Connections**
     - Take more responsibility within student clubs or co-curricular activities. Get involved with the Precision Ag Club, Ag Systems Management Club, or Bison Pullers.
   - **Understand Broader Perspectives**
     - Start or continue volunteering with organizations related to agriculture. Start thinking about where you would like to study or intern abroad if this is an interest. Talk to a Peer Mentor in the Study Abroad Office. Submit application for abroad opportunity, if relevant.
   - **Go! Build Your Future**
     - Explore different careers areas by engaging with the ABEN Dept., Career & Advising Center, connecting with alumni on LinkedIn, and attending agricultural expos.

3. **3rd Year**
   - **Navigate Coursework**
     - Soils Course, ASM Electricity, English, Precision Ag Courses, Remote Sensing, Gen Ed Electives.
   - **Develop Skills Through Experience**
     - Consider applying for a summer job or internship between your 3rd and 4th year.
   - **Seek Out Connections**
     - Do some targeted networking with alumni working in careers of interest, or seek out undergraduate research opportunities. Consider a leadership position in a professional association/club/organization.
   - **Understand Broader Perspectives**
     - Study or intern abroad, if relevant. Build your intercultural competence by getting involved with other cultures or by improving your language skills.
   - **Go! Build Your Future**
     - Begin to streamline your career focus area. Research education and experience requirements for careers of interest. Prepare to take a graduate school test, if desired.

4. **4th or Final Year**
   - **Navigate Coursework**
     - Precision Ag Courses, Seminar, Machinery Principal, ASM Precision Ag, Gen Ed Electives.
   - **Develop Skills Through Experience**
     - Investigate requirements for full-time jobs or other opportunities related to careers of interest. Assess experiences you are lacking and fill in gaps with volunteering, clubs, internships.
   - **Seek Out Connections**
     - Do some targeted networking in the fall.
   - **Understand Broader Perspectives**
     - Prepare for work or studies in a foreign country and research possible visa regulations. Pursue position types that fit your career goals and current background.
   - **Go! Build Your Future**
     - Apply for jobs, graduate school, or additional training. Get help from the Career & Advising Center with job searching, resumes, letters, interviews, grad school apps, etc.

Where could I go after graduation?

- Precision Farming Specialist
- Precision Agriculture Specialist
- Integrated Solutions Consultant
- Precision Solutions Specialist
- GO Smart Specialist
- Precision Agronomy Specialist
- Ag Technology Consultant
- Ag Product Specialist
- Crop Specialist

Assess experiences you are lacking and fill in gaps with volunteering, clubs, internships.

Investigate requirements for full-time jobs or other opportunities related to careers of interest. Assess experiences you are lacking and fill in gaps with volunteering, clubs, internships.

Consider applying for a summer job or internship between your 3rd and 4th year.

Do some targeted networking with alumni working in careers of interest, or seek out undergraduate research opportunities. Consider a leadership position in a professional association/club/organization.

Consider developing a professional association/club/organization.

Study or intern abroad, if relevant.

Prepare for work or studies in a foreign country and research possible visa regulations.

Pursue position types that fit your career goals and current background.

Apply for jobs, graduate school, or additional training. Get help from the Career & Advising Center with job searching, resumes, letters, interviews, grad school apps, etc.

*Some careers may require additional training*

![Curriculum Guide](CurriculumGuide.png)