Undergraduate Degrees Offered

- Agricultural Systems Management (AGSM)

- Biological and Agricultural Engineering (BAEN)
Curriculum Coordinators

Mrs. Ashlea Schroeder – Undergraduate Senior Academic Advisor

Mrs. Stormy Kretzschmar – Graduate and HIP Advisor

Dr. Patricia Smith – Director of BAEN Undergraduate Programs

Mr. Russell McGee – Director of AGSM Undergraduate Programs
Biological and Agricultural Engineering
BAEN Emphasis Areas

- Environmental and Natural Resources Engineering
- Renewable Energy and Machine Systems Engineering
- Food Engineering
- Bioprocess Engineering
Required courses with a “C” or better

- ENGL 104
- PHYS 218 & 208
- CHEM 107/117

- All MATH courses
- All “engineering” courses (or tech elective)
- All BAEN courses

* Courses/prerequisites must be completed with a “C” or better to move forward in the curriculum
What can I do with this degree?

- Environmental Consulting Firms
  - Pape Dawson
  - Duck Unlimited, Inc.
- Governmental Agencies
  - TXU Power
  - US Army Corps of Engineers
  - TX DoT
- Food and Feed Processing Companies
  - Blue Bell
  - Kellogg
- Equipment Manufacturers
  - Case IH
  - John Deere
  - Alamo Group
Agricultural Systems Management
Required courses with a “C” or better

- MATH 140 & 142
- CHEM 119 (formerly CHEM 101/111)
- PHYS 201
- ECON 202
- ACCT 209
- AGSM 301
- AGSM 439
- AGSM 440
Employment Opportunities

- Traditional agricultural companies
  - Case IH
  - John Deere (sales representative)
  - Holt Cat
  - Texas Cotton Ginners (TCGA – assistant gin manager)
- Construction management
- Food Processing
  - Blue Bell (Facilities Maintenance)
  - Tyson (safety and compliance)
- Government Agencies
  - USDA
  - EPA
  - Texas AgriLife Extension Service (program specialist)
UNIVERSITY CORE CURRICULUM

Required of **EVERY** student in **EVERY** major

- Mathematics (6+ hours)
- Life and Physical Sciences (9+ hours)
- Government/Political Science
  - POLS 206 & 207
- American History* (6 hrs)
- Communication
  - ENGL 104 & ENGL 210
- Creative Arts* (3 hrs)
- Social and Behavior Science (3 hrs)
  - ECON 202 for AGSM
- Language, Philosophy, and Culture* (3 hrs)

GRADUATION REQUIREMENT

- Int’l Cult. Diversity/Cultural Discourse (6 hrs)
  *Check courses that will “double dip” with other core curriculum courses*
- BAEN only – High Impact Activity
  - ENGR\[^X\]
UNIVERSITY CORE CURRICULUM

http://core.tamu.edu

Creative Arts Elective

Language Philosophy and Culture Elective

Social and Behavioral Science Elective

International and Cultural Diversity Electives
HIGH IMPACT ACTIVITIES AND AGGIES COMMIT

• TAMU commits to providing a well-rounded, quality undergraduate experience.

• We ask that you, the student, pursue your undergraduate education seriously and intentionally through commitment.

• Examples of commitments: Corp of Cadets, athletics, honors, service learning, internships.

• BAEN supports and encourages students to participate in HIP activities as part of Aggies Commit.

• Employers today are looking for at least TWO high impact activities on resumes of graduating seniors.
HIGH IMPACT ACTIVITIES

- Clubs and Organizations
- ASABE
- AGSM Student Club
- Study Abroad
- Internships
FACULTY ADVISING

- Approximately 21 teaching faculty members
- Approximately 300 undergraduate students in two majors
  - ~145 AGSM (freshman-seniors)
  - ~155 BAEN (sophomores-seniors)
- Students are blocked prior to pre-registration every semester
- You must see your Faculty Advisor to review the next semester’s courses before your academic hold will be lifted
REMIND.COM TEXT MESSAGING

Students Only:

- Text @baend to #81010

- Ashlea will add you to BAEN or AGSM group in addition to the department group
UNDERGRADUATE ACADEMIC ADVISOR

Ashlea Schroeder

- Helps students understand the rules and policies that affect their study
  - Requirements for degree completion (not completing classes in a timely manner, etc)
  - Probation, Blocks/Dismissals

- Monitors graduation progress
  - Adjustments of course requirements if needed
  - Monitors enrollment in or completion of appropriate departmental prerequisite courses for the undergraduate degrees

- Handles day-to-day advising concerns of students
  - Answers questions regarding transfer credits accepted
GRADUATE AND HIGH IMPACT ACTIVITIES ADVISOR

Stormy Kretzschmar

- Facilitates activities related to High Impact Practices
  - Advise students concerning clubs and organizations
  - Coordinates yearly Mexico Exchange Program
  - Assist with coordination of Belgium study abroad program

- Graduate Program Advisor
  - Monitors program completion for MS, MEN, and PhD degrees
  - Helps students understand the rules and policies that affect their study
The Academic Success Center offers a holistic approach to help students identify roadblocks to academic success and ensures that all students have access to comprehensive resources.

http://successcenter.tamu.edu/Home

The Student Counseling Service provides short term counseling and crisis intervention services to students of TAMU.

http://scs.tamu.edu/

Disability Services offers accommodations coordination, evaluation referral, disability-related information, assistive technology services, sign language interpreting and transcription services for academically related purposes.

http://disability.tamu.edu/

Please refer to your handbook for other student related resources.
RESOURCES FOR PREREGISTRATION
Where to meet this afternoon

Advising Office: SCTS 303 @ 1:30pm

Today’s Locations
AM: KLCT
PM: SCTS

Pavilion and Central Campus Parking Garage
WHAT TO EXPECT THIS AFTERNOON!

- Be prepared with several trial schedules by 1:30pm
  - Visit [http://howdy.tamu.edu](http://howdy.tamu.edu) to plan what suits you best
  - Howdy -> My Record tab -> Search Class Schedule

- Utilize the time between this advising session ending, lunch, and registration beginning to create your first semester schedule – educate yourself on using Howdy.
  - Have your CRN’s written down on your trial schedule.
  - Accept that you might have to have Friday classes, 8 am classes, night labs, etc.
  - If you are not honors eligible, **DO NOT** build a schedule with a **200 section** – these are for honors students only.
  - Check **EACH** course **restriction/details** to verify that you have the correct criteria to enroll in that particular section (majors only, U1/U2, etc).
## RESOURCES FOR PREREGRISTRATION

**This is just an example.**

<table>
<thead>
<tr>
<th>Name of Course/Restrictions/Details</th>
<th>CRN</th>
<th>Seats remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRO TO AG SYST MGMT Laboratory</td>
<td>28403</td>
<td>53 of 60 seats remaining</td>
</tr>
</tbody>
</table>

**Howdy**

- **Student**
- **Registration**
- **Select a Term**
- **Browse Classes**

**Browse Classes**

- **Search Results** — 1 Classes
- **Term:** Fall 2019 - College Station
- **Subject:** AGSM - Agricultural Systems Mgmt
- **Course Number:** 125

**Enrollment Totals:**
- **Capacity:** 60
- **Actual:** 7
- **Remaining:** 53

### Attributes
- **Term Type:** STANDARD
- **Meeting Times:** M: 03:00 PM - 04:40 PM
- **Type:** Laboratory
- **Building:** ACPM
- **Room:** 104
- **Start Date:** 09/26/2019
- **End Date:** 12/11/2019

**Status:** Face-to-Face

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**ATM**
Department of Biological and Agricultural Engineering

Contact us

BAEN Advising Office @ 303 Scoates Hall
979-845-3931 (main) 979-845-0609 (Ashlea)
aschroeder@tamu.edu (preferred contact)

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