What is Paper Science and Engineering?

- Application of math, chemistry, physics, and engineering to the pulp and paper industry
- Design and analysis of equipment and processes used in the manufacture of paper
- Closely allied with chemical engineering

Program Strengths

- ABET engineering accreditation
- Part of “Select Mission” of UWSP
- Strong regional and national reputation
- Excellent faculty and staff
- Excellent physical facilities
- Scholarship support
- Seven hundred alumni
- Since 1973, 100% placement

The Academic Program

- Eight semesters of coursework
- One required paid summer internship
- One "coop" experience considered the norm

Study Abroad & Earn a Dual Degree in PS & E!

- Academic year-long program → One semester in Germany, One semester in Finland!
- Internship abroad in the paper industry
- Once-in-a-lifetime career building experience
- Pay home university tuition
- Learn German, try Finnish
- Open to junior year PS&E students
Hands-On Experience

Student Operated Paper Machine
- Only paper machine in the world dedicated to educational uses.
- Largest and fastest academic machine in the world.
- Donated by S.D. Warren Inc.
- Installation Support: $1.2 M paper industry, $900K WiSTAR grant
- Financial support from: UWSP Paper Science Foundation, Outreach courses

Industry Internships
- Junior Process Engineer
- Engineering Assistant
- Technician
- Nine to twelve months TOTAL (paid) experience!

Paper Properties Laboratory
- Modern and complete paper testing lab
- Recognized as best equipped US paper science program
- Used in undergraduate courses
- Frequently contracted by industry

Modern Classroom
- High definition video projector
- Complete audio/video equipment
- Used by all Paper Science & Engineering courses

Our classroom

Verso Paper – Quinnesec Mill
Want to be an Engineer?

Top 10 Reasons to be a PSE Major at UWSP:

10. Generous Paper Science Foundation scholarships
9. Paid internships provide real world experience
8. Small classes taught by professors (not TAs)
7. Hands-on experience with a real paper machine
6. Fully accredited engineering degree from a “smaller” university
5. Green industry bio-research opportunities
4. Know what courses to take and when to take them
3. 100% placement, usually before graduation
2. Last year’s average starting salary: $66,000 per year

And the #1 reason to be a Paper Science and Engineering major at UWSP...

1. A GREAT path to a GREAT career!

TAPPI Student Chapter
- TAPPI: Technical Association of the Pulp and Paper Industry
- Travel opportunities to various technical conferences
- Class leadership opportunities
- Network with various industry professionals

PS & E Students’ Education is supported by the:

- Currently awarding up to $2,400 per student per year
- Has granted over $1 million in scholarships!
- Strong connection between industry and university
Your Future in Paper Science and Engineering

Work for a Green Industry

- A renewable, sustainable industry with products that are very hard to do without.
- One of the most sustainable industries, according to Price Waterhouse Coopers.
- For every tree logged, three to four are planted.
- Industry intensive biofuels research and development are now being done.

Choose where YOU want to work!

Employment Opportunities

- Over 3,000 skilled jobs per year are opening up due to retirements.
- Industry employs more than 1 million people across the U.S.
- Top 10 manufacturer in over 40 states.
- Since 1973, 98% of graduates receive employment offers in the industry, 2% go to graduate school.

UWSP PS&E Graduates in the Industry

- >720 alumni as of 2009
- >257 managers, superintendents, supervisors
- >13 directors
- >7 vice-presidents
- >3 presidents

Become a Leader in the Industry