LEARNING OUTCOMES:
BIOPROCESSING AND
BIOENERGY, PSM

Learning Outcomes for the degree of Master of Bioprocessing &
Bioenergy: Professional Master’s Concentration

1. Advanced knowledge in bioprocessing and bioenergy. There is no
specific undergraduate major that focuses on either bioprocessing or
bioenergy, so introducing the scientific basis for converting biomass
to value-added products is the key component of the bioprocessing
and bioenergy curriculum.

2. Business: Introduce students with strong technical undergraduate
degrees to business fundamental concepts such as project
management, finance, and accounting.

3. Industry experience that gives the students a realistic view of job
opportunities and the hurdles faced by bioprocessing and bioenergy
companies.

4. PSM: ability to identify career interests, career path, goals to reach
career aspirations, materials and knowledge for a successful
internship & career search.

5. PSM: ability to communicate science to a non-science audience;
ability to work on a team.