

# Brewing

Brewing is the process of malting, mashing, and fermenting just four ingredients - barley, water, hops and yeast. The actual process becomes seemingly more complicated when a good brew requires tightly controlled conditions like the right temperatures, the right times, and the right amount of ingredients.

Brewing combines a variety of disciplines including chemistry, microbiology, mathematics, engineering and business. The process involves a complex series of biochemical reactions converting barley to fermentable sugars and allowing yeast to live and multiply, converting those sugars to alcohol.

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## CAREER OPPORTUNITIES

The brewing industry offers a variety of career opportunities in many different areas which may include:

- Brewing
- Retail and agency sales
- Manufacturing and Brewery Operations
- Brew Pub Operations
- Marketing and public relations
- Government and licensing

Specialized positions within the brewing industry are also possible for people with knowledge and education in Biochemistry, Microbiology, Food Science, Marketing, Sales, and Business Entrepreneurship, just to name a few.