



AREAS OF EXPERTISE

- LP Planning/Practice
- Operations and Maintenance
- Crude Oil Valuation
- Product Quality

INDUSTRIES

- Natural Gas and NGLs
- Oil & Gas Production
- Petroleum Refining

EDUCATION

- Rice University, Houston, TX
B.S. Chemical and Biomolecular Engineering (2019)

SUMMARY OF EXPERIENCE

Tram Nguyen has extensive experience in refinery planning, optimization, and process engineering, as well as advanced expertise in linear programming (LP), inventory management, and upstream production systems. Her technical and commercial expertise encompasses refinery scheduling and logistics, unit performance monitoring, economic forecasting, commercial planning, quality control, process troubleshooting, and digital tool development for upstream operations.

Tram earned a Bachelor of Science in Chemical and Biomolecular Engineering and a Certificate in Engineering Leadership from Rice University. She began her career at Baker Hughes, where she managed chemical automation projects and developed production optimization tools. In 2022, she joined Marathon Petroleum and supported refinery planning, optimization, process engineering, and commercial risk management at the company's El Paso and Los Angeles refineries.

Tram joined Baker & O'Brien, Inc. in 2026, bringing extensive expertise in refinery operational planning, LP modeling, and technical process engineering expertise to the firm's consulting practice.

PREVIOUS POSITIONS

*2022 - 2026: **Marathon Petroleum**,*

Refinery Planning and Optimization Engineer, Los Angeles, CA

Process Engineer, El Paso, TX

Refinery Planning and Optimization Engineer, El Paso, TX

*2019 - 2022: **Baker Hughes**,*

Upstream Production Optimization Specialist, Houston, TX

Chemical Automation Project Manager, Sugar Land, TX