



DATHAN

BIOMEDICAL MANUFACTURING
OPERATOR

CATALENT

TOP 5 SKILLS AND ABILITIES

Biology and Chemistry
Reading Comprehension
Problem Solving Skills
Precision/Technical Skills
Technical Writing

CURRICULUM RESOURCES

- Think Like a Scientist (K-2)
- Operation Separation (3-5)
- Cheeky DNA (6-8)
- Protein Origami (9-12)

ABOUT DATHAN

Dathan is a biomedical manufacturing operator at Catalent in Bloomington, Indiana. He works in a lab where he grows cell cultures that are modified to produce vaccines and medications. Once there are enough cells to move into production, Dathan isolates the needed proteins, performs testing and collects data to make sure that the substance will be pure enough to be approved for further testing and use.

Growing up, Dathan enjoyed science and math classes, especially biology because he wanted to know how the human body works. In the biomedical lab, Dathan has to use very precise, technical skills to maintain a sterile environment and ensure the purity of the substances he helps produce.

Biotechnology combines biology and chemistry knowledge for industrial purposes such as manufacturing pharmaceuticals and medical devices. Dathan pursued a career in this field because he was able to use his science and math skills to create solutions for people in the real world.

“...Math and science classes give you the ability to think in a way so that you can apply what you have learned.”

[Click here to see Dathan on the job!](#)

Related Careers	Required Degree or Certification	Median Income
Laboratory Technician	Associate Degree	\$45,510
Chemical Technician		\$46,280
Quality Control Technician		\$59,000
Regulatory Affairs Manager	Bachelor Degree	\$62,890
Biomedical Engineer		\$71,510
Regulatory Affairs Manager		\$62,890
Chemical Engineer		\$101,820+
Biochemist	Masters or Doctoral Degree	\$91,370+

POST-SECONDARY PROGRAMS IN BIOMEDICAL MANUFACTURING TO EXPLORE

Ivy Tech

- Biopharmaceutical Manufacturing Certificate
- Regulatory Affairs Certificate
- Biotechnology (AS)

Vincennes

- Biochemistry (AS)
- Biological, Biomedical Sciences (AS)
- Biology, Cellular Biology, and Genetics (AS)
- Clinical Laboratory Science (AS)
- Engineering - Biomedical Engineering (AS)
- Engineering - Chemical Engineering (AS)

Purdue University

- Biomedical Engineering
- Biochemistry
- Biochemistry (Chemistry)
- Biology

Indiana University

- Molecular Life Sciences
- Biology
- Biotechnology
- Biochemistry
- Human Biology