

Associate of Applied Science in Cannabis Sciences-DE

Length: **18 Months**

Credential: **Associate of Applied Science Degree**

Campus: **Bangor, Maine**

Delivery Method: **Online**

The Cannabis Sciences program is an academic associate of applied science degree that is designed to offer students a broad survey of the fundamentals of cannabis science. The program includes an overview of cannabis cultivation, testing, and extraction methodologies, as well as a solid foundation in biological, chemical, and plant sciences. This degree prepares students for direct entry into laboratory, manufacturing, cultivation, and product development roles. Students will be required to complete out-of-class assignments, including, but not limited to, reading, quizzes, problem solving exercises, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Upon successful completion of the program (see Graduation Requirements section of the catalog), students could enhance an existing biological science technician career, or seek, or obtain entry-level employment in a cannabis science related field.

Program Outcomes:

Upon successful completion of this program, students should be able to:

- Demonstrate competency across the physical and biological sciences, including biology and chemistry.
- Demonstrate a foundational understanding of the plant sciences, including plant biology, plant physiology, and ethnobotany.
- Demonstrate a basic understanding of cannabis cultivation, testing, and processing methodologies.
- Demonstrate competency in critical thinking and both written and oral communication.

Course Code	Course Title	Contact Hours	Semester Credit Hours
Concentration Requirements			
BIO210	Biology	75	4.0
BIO250	Molecular Biology	90	4.0
CA201	Introduction to Cannabis I	60	4.0
CA202	Introduction to Cannabis II	60	4.0
CA220	Cannabis Product Development	45	3.0
CHEM240	Chemistry	75	4.0
CHEM241	Chemistry II	75	4.0
MPS210	Plant Biology	60	4.0
MPS215	Plant Physiology	60	4.0
MPS250	Ethnobotany	60	4.0
	Subtotal	660	39.0
General Education Requirements			
CS115	Introduction to Computer Concepts and Applications	45	3.0
EH102	Speech	45	3.0
EH111	College Composition	45	3.0
HY103	U.S. History 1865 to the Present	45	3.0
MS110	College Algebra	45	3.0
PY101	Introduction to Psychology	45	3.0
SC101	Introduction to Sociology	45	3.0
	Subtotal	315	21.0
	Grand Total	975	60.0