

PROGRAM OVERVIEW

Our online graduate certificate program prepares professionals in healthcare, law enforcement, social workers, school officials and others to understand the benefits of medical cannabis.

Program highlights include:

- Designed for professionals who seek a strong understanding of the pharmacological principles of cannabis, and greater overall knowledge of the medical cannabis industry.
- Fully online. Four courses, 12 credits.
- Gain knowledge of scientific evidence in the successful treatment of multiple medical conditions.
- Taught by industry-expert faculty, students are introduced to multiple areas within the medical cannabis industry to get a holistic view.

COURSE DESCRIPTION

CSO5000 - Medical Cannabis History, Society and Science

Medical Cannabis History, Society and Science establishes the foundational body of knowledge essential to inform the practice of professionals who engage in the work of therapeutic management using cannabis. Topics include: cannabis terminology, societal norms, Missouri's medical cannabis program, modes of consumption (inhalation, vaping, edibles, tinctures, topicals), growing, extraction and distribution, chemistry, metabolism, toxicology, and the ethical uses of medical cannabis therapy.

CSO5100 - Cannabis Pharmacology

Cannabis Pharmacology provides a comprehensive examination of the uses, modes of actions and effects of cannabinoids and terpenes within the human body. Topics include: receptor theory, pharmacogenetics, pharmacodynamics, dose-response relationships, drug metabolism, tolerance, dependence, and the endocannabinoid system. Cannabis Pharmacology will also include an analysis on how to review and interpret cannabis related clinical literature.

CSO5200 - Health Implications and Management Using Medical Cannabis

Health Implications and Management Using Medical Cannabis informs health care professionals how to apply clinical and basic scientific knowledge to identify appropriate cannabis therapies to manage approved medical conditions, and as a therapeutic intervention tool for promoting health and well-being. Topics include: a review of conditions treated using

medical cannabis, strain selection and dosing, side effects, caring for patients using medical cannabis in a clinic, home and public settings, and ethical and safety considerations regarding a patient's treatment with medical cannabis.

CSO5300 - Cannabis Entrepreneurship, Law and Compliance

Cannabis Entrepreneurship, Law and Compliance outlines the models and applications of entrepreneurship, innovation, and creativity as they relate to starting and operating a cannabis business. A review of cannabis laws and compliance requirements will be integrated throughout the business development process. Topics include: mission, goals, and objectives of a cannabis business, capital solicitation, business plan and proforma development, regulations of cannabis, rights and restrictions for patients, health professionals, care givers, and employers, knowledge to practice for health care workers, advocacy and impacting policy.

CURRICULUM OVERVIEW

As part of the School for Professional Studies, this 12-credit, fully online program offers driven professionals like you a flexible option to meet your personal career goals. If you have obtained an undergraduate degree or higher, you may pursue a stand-alone certificate in Medical Cannabis Science and Therapeutic Management. All courses are offered in eight-week terms through SLU Online, making advanced education more accessible for working professionals.

CAREERS

- Physician
- Pharmacist
- Principal or school counselor
- Social Worker
- Nurse
- Police Officer
- Therapist
- Dispensary operator

[ONLINE.SLU.EDU/CANNABISCERTS](https://online.slu.edu/cannabiscerts)

Contact

sps@slu.edu | 314-526-2825 | online.slu.edu

**Member of the Missouri Medical Cannabis Trade Association*

Address

School for Professional Studies
Brouster Hall | 3840 Lindell Blvd, St. Louis, MO 63108

ADMISSION REQUIREMENTS

- Completed application.
- Official transcript from a degree-granting institution.
- Most successful applicants have an undergraduate grade point average of 3.0 or better.
- At least two years of work experience is recommended (includes full-time and part-time employment, internships, co-ops and similar experiences).
- Statement of professional goals (approximately 500 words suggested) articulating what attracted you to this program, and how a master's degree in this field will benefit you in your present or future career.
- Resume or curriculum vitae.

Requirements for International Students

Along with the general admission requirements above, the following must be provided by prospective international students:

- Demonstration of English Language Proficiency. Some examples of demonstrated English language proficiency include minimum score requirements for the following standardized tests:
 - Paper-based TOEFL: 550
 - Internet-based TOEFL: 80
 - IELTS: 6.5
 - PTE: 54
- Academic records, in English translation, for postsecondary studies outside the United States. These must include the courses taken and/ or lectures attended, practical laboratory work, the maximum and minimum grades attainable, the grades earned or the results of all end-of-term examinations, and any honors or degrees received. WES and ECE transcripts are accepted.

Review Process

Applications are reviewed by program directors.

Apply Now (<http://www.slu.edu/apply.php>)

Scholarships and Financial Aid

For more information, visit the student financial services office online at <http://finaid.slu.edu>.

LEARNING OUTCOMES

- Graduates will be able to use the pharmacological principles of medical cannabis to develop procedures for managing patient health issues.
- Graduates will be able to evaluate the effectiveness of cannabis in patient care.
- Graduates will be able to evaluate the role of Medical Cannabis in society.

REQUIREMENTS

Code	Title	Credits
CSO 5000	Medical Cannabis History, Society and Science	3
CSO 5100	Cannabis Pharmacology	3
CSO 5200	Health Implications and Management Using Medical Cannabis	3
CSO 5300	Cannabis Entrepreneurship, Law and Compliance	3
Total Credits		12

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SAINT LOUIS UNIVERSITY™

MEDICAL CANNABIS SCIENCE AND THERAPEUTIC MANAGEMENT, POST- BACCALAUREATE CERTIFICATE

+ School for Professional Studies

ROADMAP

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Course	Title	Credits
Year 1		
Fall		
Fall 1		
CSO 5000	Medical Cannabis History, Society and Science	3
Fall 2		
CSO 5100	Cannabis Pharmacology	3
		Credits 6
Spring		
Spring 1		
CSO 5200	Health Implications and Management Using Medical Cannabis	3
Spring 2		
CSO 5300	Cannabis Entrepreneurship, Law and Compliance	3
		Credits 6
Total Credits		12

CONTINUATION STANDARDS

Students must maintain a cumulative grade point average (GPA) of 3.00 in all graduate/professional courses.

CONTACT US

Apply for Admission (<https://online.slu.edu/cannabiscerts>)

For additional admission questions, please call 314-526-2825 or email sps@slu.edu.

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