CANNABIS STUDIES

The *Cannabis* Studies Program offers both the Bachelor of Science (B.S.) in *Cannabis* Science and a Bachelor of Science (B.S.) in *Cannabis* Social Justice & Policy degrees.

The Bachelor of Science in *Cannabis* Science

Students seeking the BS degree in *Cannabis* Science must complete thirteen units of coursework in *Cannabis* Studies and allied fields.

The B.S. degree requires 3 units of CANN coursework: CANN 110, 170, and 1 unit of experiential learning in the form of CANN 416 Internship or CANN 405, 406, 407 Independent Studies in *Cannabis* (½, 1, ½) or CANN 419, 420, 421 Senior Research in *Cannabis* (½, 1, ½) or CANN 495, 496, 497 Honors Project (½, 1, ½).

B.S. degree candidates must also complete PSYCH 101 and PSYCH 332, and MATH 115 or higher. Completion of at least 8 units additional units is required from the list of “Electives in *Cannabis* Science” below.

**Required Core Courses (5):**
- CANN 110 *Cannabis* and Society
- CANN 170 *Cannabis* & Its Regulation
- PSYC 101 Introduction to Psychology
- PSYC 332 Drugs and Behavior
- Math 115 or higher

**Electives in *Cannabis* Science (8):** Students must take at least 8 units from the list toward the B.S. One unit may be made up of two 0.5 unit CANN courses.

In Biology, including
- BIOL 190 Exploring Unity of Life
- BIOL 210 Cell Biology
- BIOL 265 Plant Diversity
- BIOL 315 Genetics
- BIOL 365 Plant Anatomy and Physiology

In *Cannabis* Studies, including
- CANN 200 *Cannabis* and Pop Culture (½)
- CANN 205 *Cannabis* and Race (½)
- CANN 210 *Cannabis* and Disabilities (½)

In Chemistry, including
- CHEM 111, 112 General Chemistry: Foundations I and II
- CHEM 117, 118 General Chemistry: Advanced Principles and Applications I and II
- CHEM 221, 222 Organic Chemistry I and II
- CHEM 255 Qualitative Chemical Analysis
- CHEM 340 Pharmaceutical Chemistry
- CHEM 350 Instrumental Analysis

Note that 300-level chemistry courses require completion of CHEM 222 with a C- or better.

In INQ
- INQ 250 BI Insects and *Cannabis*
In Honors
HNRS 251 Ethnobotany

For students with competency in Biology or Chemistry courses listed above, the units in the major decrease by one per competency unit for the B.S. in Cannabis Science.

Cannabis Studies also requires 1 unit of experiential learning in the form of
CANN 416 Internship or
CANN 405,406, 407 Independent Studies in Cannabis (½, 1, ½) or
CANN 419,420, 421 Senior Research in Cannabis (½, 1, ½) or
CANN 495, 496, 497 Honors Project (½, 1, ½)

The Bachelor of Science in Cannabis Social Justice and Policy

The B.S. in Cannabis Social Justice and Policy requires 14 units as outlined below. The B.S. degree requires 3 units of CANN coursework: CANN 110, 170, and 1 unit of experiential learning in the form of CANN 416 Internship or CANN 405,406, 407 Independent Studies in Cannabis (½, 1, ½) or CANN 495, 496, 497 Honors Project (½, 1, ½).

B.S. degree candidates must also complete PSYCH 101 and PSYCH 332, SOCI 101 or CJUS 211 or INQ 260SO Social Justice, POLI 111 or 112, and ECON 121 or ECON 122. Completion of at least 7 units additional units is required from the list of “Electives in Cannabis Social Justice & Policy” below.

Required Cannabis Studies Core Courses (4):
- CANN 110 Cannabis and Society
- CANN 170 Cannabis & Its Regulation
- PSYC 101 or HNRS/INQ 260PY
- PSYC 332 Drugs and Behavior

Required Cannabis Social Justice & Policy Core (3)
- SOCI 101 Introduction to Sociology, CJUS 211 Criminal Justice, or INQ 260SO Social Justice
- POLI 111 Issues in Global Politics or POLI 112 Issues in American Politics
- ECON 121 Principles, Micro or ECON 122 Principles, Macro

Electives in Cannabis Social Justice & Policy (7): Students must take at least 7 units from the list toward the B.S.

In Sociology, including
- SOCI 215 Social Movements
- SOCI 237 Deviant Behavior
- SOCI 240 Inequality in Criminal Justice
- SOCI 320 Education and Society
- SOCI 334 Criminology

In Cannabis Studies
- CANN 200 Cannabis and Pop Culture (½)
- CANN 205 Cannabis and Race (½)
- CANN 210 Cannabis and Disabilities (½)

In Criminal Justice, including
- CJUS 240/SOCI 240 Inequality in Criminal Justice
- CJUS 261 Selected Topics in Criminal Justice (Stigma and Society)
In Public Policy, including
   POLI 245 Ethics and Public Policy
   POLI 250 Politics and Power in American Policymaking (called POLI 250 Politics and Public Policy in current draft of the new major proposal)

In Education, including
   EDUC 210 Principles of Education
   EDUC 300 The Inclusive Classroom

In Health and Human Performance, including
   HEXS 301 Personal and Community Health, pre-req permission needed

Cannabis Studies also requires 1 unit of experiential learning in the form of
   CANN 416: Internship or
   CANN 405, 406, 407 Independent Studies in Cannabis (½, 1, ½) or
   CANN 419, 420, 421 Senior Research in Cannabis (½, 1, ½) or
   CANN 495, 496, 497 Honors Project (½, 1, ½)

The Cannabis Studies Minor
   A minor in Cannabis Studies requires 6 total units of coursework: CANN 110, CANN 170, PSYC 332 and the additional units from the Cannabis Science and/or Cannabis Social Justice and Policy majors.

CANN 110 Cannabis & Society
   Exploration of how the use of Cannabis and hemp has impacted human behavior and society worldwide with emphasis in the United States. (1)
   Lecture: 3 hrs./wk.

CANN 170 Cannabis & Its Regulation
   Exploration of the human uses of Cannabis and hemp and how the plant has been regulated in the United States and the world. (1)
   Lecture: 3 hrs./wk.

CANN 200 Cannabis and Pop Culture
   Exploration of the depiction of Cannabis in popular culture by critically examining its presence and portrayal in television, music, film, and social media. (½)
   Lecture: 3 hrs./wk.

CANN 205 Cannabis and Race
   This course will unpack the relationship between race and Cannabis through narratives, empirical research, and historical timelines. (½)
   Lecture: 3 hrs./wk.

CANN 210 Cannabis and Disabilities
   This course will use primary literature and case law reviews to consider questions such as, what are the medical applications of Cannabis derivatives within the disability community? How does Cannabis use impact access to state and federal programs for individuals with disabilities? Should Cannabis use by Paralympians be considered equivalent to other forms of athletic doping? How have restrictions on Cannabis research impacted individuals with disabilities, and perpetuated stereotypes and paternalism? (½)
   Lecture: 3 hrs./wk.

CANN 405, 406, 407 Independent Study in Cannabis
   This course will serve as the research experience for students pursuing the B.S., requiring them to complete a collaborative research-based project. Starting with the primary literature, students will develop
hypotheses to test, design and execute experiments and/or observations to test these hypotheses, collect and analyze data, use the results of their analyses to draw conclusions, and communicate this process in a final paper and presentation. (½, 1, ¼)

Prerequisites: Senior Standing.

**CANN 416 Internship**
Work experience in the field of professional *Cannabis* industry under the guidance of a member of the faculty. (1)

**CANN 419, 420, 421 Senior Research in Cannabis**
This course will serve as the senior research experience for students pursuing the B.S., requiring them to complete a collaborative research-based project. Starting with the primary literature, students will develop hypotheses to test, design and execute experiments and/or observations to test these hypotheses, collect and analyze data, use the results of their analyses to draw conclusions, and communicate this process in a final paper and presentation. (½, 1, ¼)

**CANN 495, 496, 497 Honors Project**
A program of independent study culminating in a paper, artistic creation, or performance. An oral presentation is required. Prerequisite: To qualify for consideration to receive honors in the major, a student, in the senior year or in the summer prior to the senior year, must work under the guidance of a committee. A written proposal and application must be approved by the committee and department. A minimum GPA of 3.4 in the major is required. 495 Honors Project is a prerequisite for CANN 497 Honors Project. (1/2, 1, 1/2)

Prerequisite: Senior Standing or permission.