

# ARTICULATION AGREEMENT

Between

**Oakton Community College**

A.G.S. Degree with Cannabis Dispensary and Patient Care  
Certificate

And

**Northern Michigan University**

College of **Arts and Sciences**

B.S. Degree in **Medicinal Plant Chemistry**

**Entrepreneurial track**

(November 1, 2019)

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## Article I

### Agreement on Principle

Northern Michigan University (NMU) and Oakton Community College agree that students who choose to transfer from a community college to a senior college or university to earn a bachelor's degree should be provided with a smooth curriculum transition that minimizes loss of credit and duplication of coursework. Therefore, Northern Michigan University and Oakton Community College agree to enter into this curriculum articulation agreement for students who complete the A.G.S.. with Cannabis Dispensary and Patient Care Specialist Certificate at Oakton College and transfer to NMU to complete the Bachelors of Science in Medicinal Plant Chemistry (Entrepreneurial track). Both institutions enter into this agreement as cooperating, equal partners who shall maintain the integrity of their separate programs.

## Article II

### Agreement on Program Specifics

Northern Michigan University (NMU) and Oakton Community College agree that any student who has successfully completed the minimum requirements outlined on the attached articulation guide may transfer the course credits indicated toward the Bachelors of Science in Medicinal Plant Chemistry (Entrepreneurial Track) at Northern Michigan University. Students who follow this articulated program agreement must apply and be admitted to Northern Michigan University. Oakton Community College students will receive equal consideration with other students seeking admission and financial aid. The bachelor's degree graduation requirements for students who follow this articulated program agreement are listed on the attached articulation guide.

## Article III

### Agreement on Communication

Northern Michigan University (NMU) and Oakton Community College agree to cooperate in communication with each other and with their common and respective publics concerning the established relationship between the two institutions. Communication may include the development of various kinds of publications to inform those who might benefit personally or professionally from the opportunities provided by this agreement. Faculty and staff at both institutions will share the information in this agreement with interested and qualified students and both institutions will provide counseling and advising to students and prospective students.

## Article IV

### Agreement on Maintenance and Review Procedures

At least one administrative or faculty member from each institution will be appointed to act as agents for the implementation of this agreement, to speak for the institutions and to communicate changes to respective faculty members, advisors, counselors, and others to whom the information is pertinent. Responsibility for oversight of this agreement rests with the Assistant Vice President of Academic Affairs and College Transitions at Oakton Community College and the Associate Provost for Academic Affairs at Northern Michigan University.

Both parties agree to communicate annually any changes in their respective programs that may affect this articulation agreement. During the third year, both parties will review the agreement for revision and possible renewal. If the agreement is not reviewed by the end of the effective agreement, Oakton Community College students who started the articulated program prior to termination of the agreement, will be given three additional years to be admitted to NMU under terms of this agreement.

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B.S. Degree in Medicinal Plant Chemistry (Entrepreneurial Track)

Effective Dates of this Articulation Agreement November 1, 2019 – August 1, 2022

## Introduction:

The purpose of this articulation agreement is to provide a smooth transition for students who want to earn an A.G.S.. degree with Cannabis Dispensary and Patient Care Specialist Certificate \_ at Oakton Community College prior to a transfer to Northern Michigan University to complete a B.S. degree in Medicinal Plant Chemistry (Entrepreneurial track) . As displayed in this document, the first and second years of coursework are completed at Oakton and third and fourth years at NMU.

The medicinal plant chemistry degree is a technical program focused on plant biology and analytical and organic chemistry as they related to the use of plant extracts for health purposes. The entrepreneurial track combines the science core with business courses to help prepare students for a range of careers in the medicinal plant chemistry industry

## Effective Dates:

The effective dates of this agreement are from November 1, 2019 to August 1, 2022 . If this agreement is not renewed at the end of the effective period, students who have already started this articulated program at Oakton Community College will be given three additional years to be admitted to NMU under the terms of this agreement. Students, who began the program prior to the effective date, may use the agreement to the extent that the requirements completed are consistent with this agreement.

## First and Second Years at Oakton Community College :

The first and second years of NMU's Medicinal Plant Chemistry –Entrepreneurial Track , B.S. degree is , A.G.S.. degree. A maximum of 90 semester credits may transfer to NMU from a two-year college. Unless otherwise designated, a grade of C- or higher is required for transfer to NMU. The following section Oakton 's A.G.S. degree with restricted selections to meet requirements within NMU's General Education Program: *(INSERT into the chart below the community college courses required for the A.G.S.. degree. After doing so, delete blank portions of the chart.)*

Course #	Oakton Community College Course Title	Credit Hours	NMU Equivalent	NMU Degree Requirements
EGL 101	Composition I	3	EN 111	Gen Ed (EFFC)
MAT 190 or 131	Business Statistics or Elementary Statistics	4	MA 109	MEDP core & Gen Ed (QUAR)
CHM 121	General College Chemistry I	4	CH 111	MEDP core & Gen Ed (SCII)
CNB 101	Intro. to Cannabis	1	CH 189	MEDP core
CNB 102	Cannabis and the Law	1		
CNB 103	Pharmacology and Medical Cannabis Use	2	CH 289	MEDP core
EGL 102	Composition II	3	EN 211	Gen Ed (COMP)
CNB 104	The Experience of Illness	2		
CNB 105	Dispensary Operations	1		
CHM 122	General College Chemistry II	4	CH 112	MEDP core
BIO 121	General Biology I	4	BI 111	MEDP core
PED 101	First Aid	2	HL 125	
BUS 101	Introduction to Business	3	MGT 121	Gen Ed (PERS)
SPE 103	Effective Speech	3	SP 100	Gen Ed (EFFC)
BIO 122	General Biology II	4	BI 112	MEDP core
PHL 205	World Religions	3	PL 270	Gen Ed (SOCR, WC)
ACC 153	Principles of Financial Accounting	4	ACT 230	Entrepreneurial track
CHM 221 or 223	Organic Chemistry I	4	CH 315+317	MEDP core
HUM 131 or 160	Intro. to Theater or Intro. to Film	3	TH 130 or EN 125	Gen Ed (HUME)
SOC 103	Social Problems	3	SO 113	Gen Ed (PERS)
PSY 120	Human Development	3	AH 102	Gen Ed (INTT)
ACC 154	Principles of Managerial Accounting	4	ACT 240	Entrepreneurial track
<b>Total Credit Hours:</b>		<b>65</b>		

## Third and Fourth Years at NMU...

The third and fourth years of NMU's Medicinal Plant Chemistry (Entrepreneurial track), B.S. degree is comprised 55 credits. To qualify for a bachelor's degree at NMU, students must meet all graduation requirements, which include the courses listed below at NMU.

NMU Course #	NMU Course Title	Credit Hours	NMU Degree Requirements
CH 242	Quantitative Analysis	2	MEDP core
BI 230	Plant Kingdom	4	MEDP core
BI 431	Plant Physiology	4	MEDP core
GC 202	Soils	4	MEDP core
CH 450	Biochemistry I	4	MEDP core
MGT 215	Entrepreneurship	4	Entrepreneurial track
CH 389	Medicinal Plant Chemistry Seminar III	1	MEDP core
CH 435	Gas and Liquid Chromatography	2	MEDP core
CH 420	Medicinal Plant Chemistry I	5	MEDP core
FIN 351	Financial Management I	4	Entrepreneurial track
CH 421	Medicinal Plant Chemistry II	5	MEDP core
FIN 413	New Venture Finance	4	Entrepreneurial track



MKT 230	Introduction to Marketing	4	Entrepreneurial track
GC 100	Physical Geography	4	MEDP core
CH 325/327	Organic Chemistry II	4	MEDP core
<b>Total Credit Hours:</b>		<b>55</b>	

EXPIRED

**Suggested Course Sequence:**

Third Year	Fourth Year
<u>Fall Semester:</u> CH 242 BI 230 CH 325/27 GC 100  Semester Total: <u>  14  </u> cr.	<u>Fall Semester:</u> CH 435 CH 420 GC 202 FIN 351  Semester Total: <u>  15  </u> cr.
<u>Winter Semester:</u> CH 450 CH 389 MGT 215 BI 431  Semester Total: <u>  13  </u> cr.	<u>Winter Semester:</u> CH 421 FIN 413 MKT 230 Elective  Semester Total: <u>  17  </u> cr.

## Additional Graduation Requirements:

1. At least 8 credits of the major and 4 credits of the minor must be earned at NMU.
2. A total of 120 credit hours and a minimum NMU GPA of 2.0 must be earned for any degree.
3. Any minimum grade or GPA requirements for the major and/or minor must be met.
4. NMU's General Education Program and all graduation requirements must be completed by the student, including the World Cultures requirement, Laboratory Science requirement, and Math and English Competency requirement.

## Notes to Students:

1. Complete the articulated program as indicated in this articulation guide. Any course substitutions should only be made with the guidance of an advisor or counselor to assure that all requirements are met;
2. Students are encouraged to meet with the Chemistry Department at NMU early, before completing an admission application to NMU; and
3. A copy of the articulation agreement should be brought to all advising sessions. Copies of this agreement are available at the Academic Affairs Office, NMU.

Based on NMU's 2019-2020 University Bulletin

For further information regarding the selection and transfer of courses, contact one of NMU's Transfer Admissions Counselors, at 1-800-682-9797 or [transfer@nmu.edu](mailto:transfer@nmu.edu).