

ARTICULATION AGREEMENT

Between



Oakton 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)

(June 20, 2024)

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Article I Agreement on Principle

Northern Michigan University (NMU) and **Oakton College** (*hereinafter referred to as **Oakton***) 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, **NMU** and **Oakton** agree to enter into this curriculum articulation agreement for students who complete the **A.G.S. Degree with Cannabis Dispensary and Patient Care Certificate at Oakton** and transfer to **NMU** to complete the **Bachelor 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

NMU and **Oakton** agree that any student who has successfully completes the minimum requirements as outlined in the attached articulation guide may transfer the course credits indicated toward the **Bachelor of Science in Medicinal Plant Chemistry (Entrepreneurial Track) at NMU**. Students who follow this articulated program agreement must apply and be admitted to **NMU**. **Oakton** 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

NMU and **Oakton** 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 current 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 **Department Chairperson of Cannabis Studies at Oakton, Assistant Vice President of Academic Affairs and College Transitions 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** 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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Effective Dates of this Articulation Agreement **July 1 2024 -July 1, 2027**

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** and transfer to **NMU** 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**; the third and fourth years at **NMU**.

The Medicinal Plant Chemistry degree is an interdisciplinary program that builds on foundational chemistry and biology courses and provides students with a two-semester capstone research experience involving the cultivation of plants followed by extraction and analysis of medicinal compounds from the plants. The entrepreneurial track combines the science core with business courses to help prepare students for involvement in a business related to plant medicinal products.

Effective Dates

The effective dates of this agreement are from **July 1, 2024 - July 1, 2027**. If this agreement is not renewed at the end of the effective period, students who have already started this articulated program at **Oakton** 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.

Year One & Two at Oakton

Completion of the **A.G.S degree with Cannabis Dispensary and Patient Care Certificate at Oakton** is equivalent to the first two years of the **B.S. degree in Medicinal Plant Chemistry (Entrepreneurial Track) at NMU**. The following chart outlines courses for the **A.G.S degree with Cannabis Dispensary and Patient Care Certificate at Oakton**, containing restricted selections to meet requirements within the General Education Program at NMU:

Course #	Oakton Course Title	Credits	NMU Equivalent	NMU Requirements
First Semester		15		
EGL 101	Composition I	3	EN 111	GEN ED (EFFC)
CHM 121*	General College Chemistry I	4	CH 111	MEDP core and GEN ED (SILB)
CNB 101	Introduction to Cannabis	1	CH 189	MEDP core
CNB 102*	Cannabis and the Law	1	GEN 1009	General Elective
CNB 103*	Pharmacology and Medical Cannabis Use	2	CH 289	MEDP Core
MAT 131 or MAT 190	Business Statistics OR Elementary Statistics	4	DATA 109	MEDP Core and GEN ED (QUAR) and Grad Req (C or better)
Second Semester		16		
EGL 102	Composition II	3	EN 211	GEN ED (EFFC) and Grad Req (C or better)
CHM 122*	General College Chemistry II	4	CH 112	MEDP Core
ACC 153	Principles of Financial Accounting	4	ACT 230	Entrepreneurial Track
CNB 104	The Experience of Illness	2	GEN 1009	General Elective
CNB 105	Dispensary Operations	1	GEN 1009	General Elective
PED 101	First Aid	2	HL 125	General Elective
Third Semester		17		
BUS 101	Introduction to Business	3	MGT 121	GEN ED (PERS)
BIO 121	General College Biology I	4	BI 111	MEDP Core
ACC 154	Principles of Managerial Accounting	4	ACT 240	Entrepreneurial Track
SPE 103	Introduction to Speech	3	SP 100	GEN ED (EFFC)
PHL 205	World Religions	3	PL 270	GEN ED (SOCR, WC)
Fourth Semester		18		
BIO 122	General College Biology II	4	BI 112	MEDP Core
HUM 131 OR HUM 160	Introduction to Theatre OR Introduction 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	PSY 210	General Elective
CHM 223	Organic Chemistry I	5	CH 315 & CH 317	MEDP Core
Total Credit Hours:		66		

*CNB 102 will count towards the major courses due to the one credit transfer deficiency from CHM 122 transferring to NMU for four credits. Although CHM 121 also transfers to NMU with four credits, this deficiency will not create a major equivalency shortage due to CNB 103 transferring to NMU with two credits.

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.

Year Three & Four at Northern Michigan University (NMU)

The third and fourth years of the **B.S degree in Medicinal Plant Chemistry (Entrepreneurial Track)** at NMU are comprised of **55-59** credits. To qualify for a bachelor's degree at NMU, students must meet all graduation requirements, which include the courses listed below.

NMU Course #	NMU Course Title	Credits	NMU Degree Requirements
First Semester		14	
CH 242	Quantitative Analysis	2	MEDP Core
CH 325 & CH 327	Organic Chemistry II	4	MEDP Core
GC 100 OR GC 101	Physical Geography OR Introduction to Environmental Science	4	MEDP Core
MGT 215	Entrepreneurship	4	Entrepreneurial Track
Second Semester		15-19	
CH 450	Biochemistry I	4	MEDP Core
CH 389	Medicinal Plant Chemistry Seminar III	1	MEDP Core
BI 330 OR BI 230 AND BI 431	Applied Plant Science OR Plant Kingdom AND Plant Physiology	4-8	MEDP Core
MGT 221	Business Law I: Legal Environment of Business	4	Entrepreneurial Track
CH 435	Gas and Liquid Chromatography	2	MEDP Core
Third Semester		13	
CH 420	Medicinal Plant Chemistry I	5	MEDP Core
GC 202	Soils	4	MEDP Core
FIN 351	Financial Management I <i>(or other adviser-approved entrepreneurial elective)</i>	4	Entrepreneurial Track
Fourth Semester		13	
CH 421	Medicinal Plant Chemistry II	5	MEDP Core
MKT 230	Introduction to Marketing <i>(or other adviser-approved entrepreneurial elective)</i>	4	Entrepreneurial Track
INTT	Integrative Thinking General Education Course <i>(students choose from a selection of courses)</i>	4	General Education Integrative Thinking
CH 479	Graduate Assessment for Chemistry	0	Graduation Requirement
		Total Credit Hours:	55-59

Note: A minor is not required for this major.

Suggested Course Sequence

Third Year	Fourth Year
<p><i>Fall Semester:</i> CH 242 (2 cr.) CH 325 and 327 (4 cr.) GC 100 or GC 101(4 cr.) MGT 215 (4 cr.) Semester Total: 14 cr.</p>	<p><i>Fall Semester:</i> CH 420 (5 cr.) GC 202 (4 cr.) FIN 351 (4 cr.) Semester Total: 14 cr.</p>
<p><i>Winter Semester:</i> CH 450 (4 cr.) CH 389 (1 cr.) BI 330 or BI 230 and BI 431(4-8 cr.) CH 435 (2 cr.) MGT 221 (4 cr.) Semester Total: 15-19 cr.</p>	<p><i>Winter Semester:</i> CH 421 (5 cr.) MKT 230 (4 cr.) Integrative Thinking General Education (4 cr.) CH 479 (0 cr.) Semester Total: 13 cr.</p>

Additional Graduation Requirements

1. At least 8 credits of the major and 4 credits of the minor (if required) must be earned at **NMU**.
2. A total of 120 credit hours with a minimum of 30 earned at **NMU**, 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** *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 on the **NMU Undergraduate Admissions Website** and at the **NMU Academic Affairs Office**.

Based on **NMU's 2023-2024 University Bulletin**

For further information regarding the selection and transfer of courses, contact an **NMU** Transfer Admissions Counselor, at 1-800-682-9797 or transfer@nmu.edu.

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We the representatives of **Oakton College** and **Northern Michigan University** agree to the terms of this agreement, which will be for a renewal period of three (3) years.

Signatures

Oakton College

Northern Michigan University

Dr. Joianne Smith 8/16/2024
Date
Dr. Joianne Smith
President

Dr. Brock Tessman 8/30/2024
Date
Dr. Brock Tessman
President

Ileo Lott 8/16/2024
Date
Dr. Ileo Lott
Provost and Vice President of Academic Affairs

Dr. Dale Kapla 8/30/2024
Date
Dr. Dale Kapla
Associate Provost for Academic Affairs

Stephen Fix 8/16/2024
Date
Stephen Fix
Department Chairperson, Cannabis Studies

CC: NMU Registrar
NMU Director of Admissions
NMU Transfer Admissions Counselor
NMU Director of Student Success and Wellness
NMU Chemistry Department Head