



**3+1 Program**  
**MEMORANDUM OF UNDERSTANDING**  
**OSU Center for Health Sciences –**  
**College of Osteopathic Medicine**

This Memorandum of Understanding (“Agreement”) establishes the 3+1 Program between Northwestern Oklahoma State University (NWOSU) and Oklahoma State University - Center for Health Sciences (OSU-CHS), College of Osteopathic Medicine for the 2023-2024 academic year.

The 3+1 Program allows students to complete their pre-doctoral medical training in seven years by completing three years of undergraduate education at NWOSU and four years of medical education at OSU-CHS. Students apply for the 3+1 program during their sophomore year at NWOSU. After completing the academic requirements in Exhibit A and the first year of medical school, NWOSU will award an undergraduate degree to students accepted in the 3+1 Program.

To be eligible for the 3+1 Program, applicants must meet the following requirements:

- Be a full-time student enrolled at Northwestern Oklahoma State University;
- Have been enrolled in an undergraduate institution for no more than three (3) semesters at the time of application (excluding concurrent coursework taken during high school); and
- Major in Biology with a Chemistry Minor;
- Achieve a minimum 3.5 cumulative Grade Point Average (GPA) and a 3.5 science GPA at the time of application to OSU-CHS;
- Fulfill the academic requirements specified in Exhibit A;
- Courses earned as concurrent enrollment or received AP credit will be accepted;
- Complete 45 or more credit hours toward a bachelor’s degree at the time of application to OSU-CHS;
- Science GPA will be calculated according to the course subject categories defined by the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS);
- Complete at least 50 hours participating in a health-related setting at the time of application;

- Submit a complete application for admission through the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) by February 28 of sophomore year;
- Submit a complete secondary/supplemental application for admission by March 30 of sophomore year;
- Schedule an interview with the Pre-Health Advisory Committee (PAC) in the fall of sophomore year;
- Submit one letter from the Pre-Health Advisory Committee (PAC);
- Participate in an interview with the OSU-CHS Admissions Committee during the spring semester of sophomore year; and
- Submit a verification form to verify that the applicant will complete their academic requirements to earn their bachelor's degree after their first year at OSU-COM. The form must be completed by the student and signed by the Pre-Health Advisor or Academic Advisor at the time of application.

Students must meet with their Academic Advisor annually at NWOSU to review the course sequence for the 3+1 major to ensure all the academic requirements for their undergraduate degree and the 3+1 Program are met before matriculating to OSU-COM.

Students who meet these requirements will be eligible for the 3+1 Program. Students must check the appropriate box on their secondary/supplemental application to indicate they have met the 3+1 Program requirements and they are applying for the 3+1 Program. Following an in-person interview, a member of the Admissions Committee and the Director of Admissions at OSU-CHS will notify applicants of the Admissions Committee's decision the May following the applicant's interview. The applicant will either be granted provisional acceptance into the 3+1 Program or be invited to apply for admission as a traditional applicant in a later application cycle. OSU-CHS is not required to admit any certain number of 3+1 Program applicants.

Students who are provisionally accepted into the 3+1 Program must fulfill the following requirements to maintain their acceptance:

- Complete all remaining undergraduate coursework required for the approved 3+1-degree plan during their junior year at NWOSU;
- Maintain an overall GPA of at least 3.5 and a 3.5 science GPA of at least 3.5. GPA will be calculated at the time of application and upon completion of the applicant's undergraduate degree coursework before the student matriculates to OSU-CHS;
- Submit a qualifying score of at least 492 on the Medical College Admission Test (MCAT) by April 30 of their junior year;
- Submit transcripts from NWOSU to OSU-CHS in May of their junior year indicating that the student has met all academic requirements for the 3+1 Degree Plan as outlined in *Exhibit A*;

- Submit a letter of good standing from NWOSU indicating that the student has met all academic requirements outlined in Exhibit A; and
- OSU-CHS may revoke admissions to the 3+1 Program to any student with student conduct, Title IX, or similar violations.

The PAC will:

- Coordinate with the NWOSU Academic Advisor to verify the student's progress towards the 3+1-degree plan requirements.
- Determine if the student is on track in December of their sophomore year and May of their junior year to meet the academic requirements.
- Consult with the Director of Student Conduct in May of junior year to be aware of any conduct issues. Provide documentation of student's academic records and conduct to OSU-CHS by the end of the spring semester of junior year.

After completing the first year of medical school at OSU-CHS and before enrolling in courses for the second year of medical school, 3+1 Program students must:

- Apply for graduation to NWOSU by April 1 to be included in the spring commencement ceremony as a summer graduate. Students will not officially graduate in May until the degree is conferred in the summer, but they can participate in commencement.
- While a student at OSU-CHS, the 3+1 Program students are subject to OSU-CHS policies and procedures.

OSU-CHS and NWOSU reserve the right to periodically review the MOU and recommend changes as deemed necessary. If OSU-CHS makes recommendations, NWOSU will have thirty (30) days to accept or reject the proposed changes. MOU will be reviewed annually for any updates on majors and academic requirements for approval. Agreed-upon modifications to the MOU will become effective for the incoming undergraduate class for the following academic year.

For any current application cycle, NWOSU may adjust academic plans on a case-by-case basis with the mutual agreement of both parties, including the Assistant Dean for Enrollment Management at OSU-CHS and the Department of Natural Science Chair at NWOSU.

Both programs have the right to terminate the MOU at any time with thirty (30) days' notice.

OSU-CHS and NWOSU understand and agree that NWOSU or OSU-CHS shall have the right to terminate the MOU, in whole but not in part, without penalty or expense, at the end of any fiscal year if NWOSU, OSU-CHS, the legislature of the State of Oklahoma or other appropriate governmental entity fails to allocate sufficient funds to NWOSU or OSU-CHS respectively for payments required or activities contemplated under this MOU.

OSU-CHS and NWOSU understand and agree that nothing contained herein shall be construed as a waiver of either party's sovereign immunity.



**CENTER FOR  
HEALTH SCIENCES**

**Oklahoma State University – Center for Health Sciences  
College of Osteopathic Medicine**

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**Dennis Blankenship, D.O.**  
Interim Dean, OSU College of Osteopathic Medicine

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Date

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**Eric J. Polak, M.B.A., C.M.P.E.**  
Vice President for Administration and Finance

\_\_\_\_\_  
Date



**Northwestern Oklahoma State University**

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**Bo Hannaford, Ed.D.**  
**President**

Date \_\_\_\_\_

Jenny Sattler, Ph.D.

Department of Natural Science Chair

**Exhibit A: Academic Requirements**

To qualify for the 3+1 Program, Oklahoma State University – Center for Health Sciences (OSU-CHS) and Northwestern Oklahoma State University agree that applicants must complete the same graduation requirements for a regular BS in Biology degree at NWOSU. The suggested program of study below meets these academic requirements:

<b>Freshman Year</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
UNIV 1011	Ranger Connection	CMSC 1103	Microcomputer Applications
BIOL 1224	Zoology (Use as Natural Science General Education Hours)	BIOL 3184	Human Anatomy
CHEM 1115	Chemistry I	CHEM 1215	Chemistry II
ENGL 1113	English Composition I	ENGL 1213	English Composition II
MATH 1513	College Algebra	MATH 1613	College Trigonometry
16 Hours		18 Hours	

<b>Sophomore Year</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
CHEM 3114	Organic Chemistry I	CHEM 4114	Organic Chemistry II
BIOL 3194	Human Physiology	BIOL 3343	Genetics
PHYS 1114	General Physics I (Use as Natural Science General Education Hours)	PHYS 1214	General Physics II
SCOM 1113	Speech	PSYC 1113	General Psychology
FIN 1113 or LEAD 1013 or POLS 1113		FIN 1113 or LEAD 1013 or POLS 1113	
18 Hours		17 Hours	

<b>Junior Year</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
CHEM 4143 or CHEM 4153	Biochemistry without lab or Medicinal Chemistry	HIST 1483 (or 1493)	History
BIOL 3115	Microbiology	BIOL 3052	Medical Terminology
CHEM 3015	Classical Chemical Analysis	BIOL 4011	Biology Seminar

BIOL 4001	Junior Seminar	BIOL 3011	Science Fair Judging
FIN 1113 or LEAD 1013 or POLS 1113		HED 2303	Wellness Concepts
		Humanities or Religion Course (6 Hours General Education Required)	
17 Hours		16 Hours	

To complete the Bachelor of Science degree at Northwestern Oklahoma State University, fifteen credit hours of Biology will be needed in the first year at OSU College of Osteopathic Medicine.

The following courses will be taken at OSU-COM:

### **Fall Semester Hours**

CLME 8312 Osteopathic Manual Medicine I (2)  
 PCME 8115 Clinical Anatomy (4)  
 PCME 8743 Foundations in Medical Genetics, Molecular Biology, and Developmental Anatomy (2)  
 PCME 8752 Foundations in Medical Cell and Tissue Biology (1)  
 PCME 8762 Foundations in Medical Biochemistry (2)  
 PCME 8771 Foundations in Medical Pharmacology (1)  
 PCME 8914 Medical Science Foundations (4)

### **Spring Semester Hours**

CLME 8322 Osteopathic Manual Medicine II (2)  
 CLME 8821 Focus Course in Geriatrics (1)  
 CLME 8914 Clinical Care Foundations I (4)  
 CLME 8941 Service Learning & Community Engagement I (1)  
 PCME 8703 Foundations in Medical Microbiology (3)  
 PCME 8781 Foundations in Medical Immunology (1)  
 PCME 8814 Cardiovascular System (4)  
 PCME 8833 Hematology System (3)  
 PCME 8853 Genitourinary System (3)  
 PCME 8873 Respiratory System (3)