



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

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

- Major in Chemistry with Biochemistry Emphasis (B.A.), Allied Health Sciences (B.S.), Public Health (B.S.), or Biology (B.S.);
- Achieve at least a cumulative grade point average (GPA) of 3.5 and a science GPA of 3.5 at the time of application to OSU-CHS;
- Science GPAs will be calculated according to the course subject categories defined by American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS);
- Meet the academic requirements outlined in Exhibit A, Academic Requirements;
- Courses earned as concurrent enrollment or received AP credit will be accepted;
- A transfer student from a community college or a four-year institution may transfer no more than 30 credit hours to SWOSU. At the time of enrollment, the following requirements should be considered to ensure the degree requirements are met:
 - Transfer credits from an accredited senior college (i.e., four-year institution) will apply toward a baccalaureate degree in the same way as if earned in residence at SWOSU;
 - Applicants must earn at least 15 of the final 30 hours or 50 percent of the major at the rewarding institution;
 - Credit from a baccalaureate degree-granting institution (40 hours must be upper division);
- Completed 45 or more credit hours toward a bachelor's degree at the time of application to OSU-CHS;
- Completed at least 50 hours 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-Professional Advisory (PAC) Committee for a letter of recommendation;
- Participate in a personal interview with the Admissions Committee of OSU-CHS during the spring semester of your sophomore year; and
- Must have valid CASPer Situational Judgement test score on file by April 2022

Students must meet with their Academic Advisor annually to review the course sequence for the approved 3+1 major to ensure all the academic requirements for their undergraduate degree as well as 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. Following an in-person interview, the Chair of the Admissions Committee will notify applicants of the Admissions Committee's decision by May 15, 2022. The applicant will either be granted provisional acceptance into the 3+1 Program or be invited to apply as a traditional applicant for admission in a later application cycle.

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

- Maintain an overall grade point average (GPA) of at least a 3.5 and science GPA of 3.5. GPA will be calculated at the time of application and before matriculation to OSU-CHS;
- Submit a qualifying score of at least a 492 on the Medical College Admission Test (MCAT) by April of their junior year;
- Complete all remaining undergraduate coursework required for the approved 3+1 degree plan during their junior year at SWOSU;
- Request in May of junior year transcripts from SWOSU indicating that the student has met all academic requirements for the 3+1 degree plan as outlined in Exhibit A;
- Provide documentation stating any student violations or conduct issues on the student's record in May of junior year; and
- OSU-COM may revoke admissions to the 3+1 program to any student with student violations or conduct issues.

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

- Apply for graduation to SWOSU no later than 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 but they may participate in the commencement.

Exhibit A: Academic Requirements

To qualify for the 3+1 Program, Oklahoma State University - Center for Health Sciences (OSU-CHS) and Southwestern Oklahoma State University agree that applicants must complete the following academic requirements for program consideration:

Applicants must meet the GENERAL EDUCATION requirements listed in the most recent SWOSU catalog.

The following GE courses are required to be taken by students in the 3 + 1 Program:

- English Composition I and II
- College Algebra or Higher Numbered Math Course
- U.S. History
- American Government and Politics
- Introduction to Humanities or World History or World Cultural Geography
- General Psychology
- Introduction to Sociology
- Computer Proficiency
- GE electives of the student's choice to complete the GE requirements

It is recommended that Psychology and Sociology are taken the sophomore year or the fall semester of the junior year to help prepare for the MCAT.

Students should work closely with their academic advisor to make sure courses are taken in the right sequence.

Bachelor of Arts in Chemistry with Biochemistry Emphasis			
Freshman Year			
Fall Semester		Spring Semester	
1051	SWOSU CONNECT	0003	General Education Requirement
ENGL 1113	English Composition I	ENGL 1213	English Composition II
BIOL 1054	Principles of Biology I & Lab	BIOL 1254	Principles of Biology II & Lab
CHEM 1203 CHEM 1252	General Chemistry I General Chemistry I Lab	CHEM 1303 CHEM 1352	General Chemistry II General Chemistry II Lab
MATH 1513 MATH 1613	College Algebra or Higher Numbered Math Course	MATH 3433 or MATH 3413	Statistics I or Statistical Methods I
16 Hours		15 – 18 Hours	

Summer	
0003 GE Requirement	
2 nd 0003 GE Requirement can be taken here instead of Spring Semester of Freshman year	
3-6 Hours	

Sophomore Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
CHEM 3015	Organic Chemistry I & Lab	CHEM 4015	Organic Chemistry II & Lab
CHEM 3124	Quantitative Analysis & Lab	BIOL 3704	Human Anatomy & Lab
PHY 1044	Basic Physics I and Lab	PHY 1054	Basic Physics II & Lab
16 Hours		16 Hours	

Junior Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
0003	GE Requirement	0003	GE Requirement
BIOL 3355	General Microbiology & Lab	BIOL 3904 BIOL 4915	Human Physiology & Lab or General Comparative Anatomy and Physiology & Lab
CHEM 4124	Biochemistry & Lab	BIO 3253 BIO 3152 BIO 3053	Genetics Genetics Lab or Cell Biology
CHEM 3901	Seminar in Chemistry I	CHEM 2612	Principles of Lab Safety
		CHEM 4901	Seminar in Chemistry II
16 Hours		16-18 Hours	

Bachelor of Science in Allied Health Sciences			
Freshman Year			
Fall Semester		Spring Semester	
1051	SWOSU CONNECT	0003	GE Requirement
ENGL 1113	English Composition I	ENGL 1213	English Composition II
BIOL 1054	Principles of Biology I & Lab	BIOL 1254	Principles of Biology II & Lab
CHEM 1203	General Chemistry I	CHEM 1303	General Chemistry II
CHEM 1252	General Chemistry I Lab	CHEM 1352	General Chemistry II Lab

MATH 1513 Math 1613	College Algebra or Higher Numbered Math Course	ALHLT 3043	Health Statistics
16 Hours		15 - 18 Hours	

Summer			
ALHLT 2453 Medical Terminology 0003 GE Requirement can be taken here instead of Spring Semester of freshman year			
3-6 Hours			

Sophomore Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
CHEM 3013 CHEM 3111	Organic Chemistry I Organic Chemistry I Lab	CHEM 4133 CHEM 3111	Organic Chemistry II Organic Chemistry II Lab
BIO 3704	Human Anatomy & Lab	BIOL 3904 BIOL 4915	Human Physiology & Lab or General Comparative Anatomy and Physiology & Lab
PHY 1044	Basic Physics I and Lab	PHY 1054	Basic Physics II & Lab
15 Hours		15 Hours	

Junior Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
0003	GE Requirement	0003	GE Requirement
0003	GE Requirement	BIOL 3355	General Microbiology & Lab
CHEM 4124	Biochemistry & Lab	BIO 3253 BIO 3152 BIO 3053	Genetics Genetics Lab or Cell Biology
ALHLT 4093	Epidemiology		
16 Hours		14-16 Hours	

Bachelor of Science in Public Health Freshman Year			
Fall Semester		Spring Semester	
1051	SWOSU CONNECT	0003	GE Requirement

ENGL 1113	English Composition I	ENGL 1213	English Composition II
BIOL 1054	Principles of Biology I & Lab	BIOL 1254	Principles of Biology II & Lab
CHEM 1203 CHEM 1252	General Chemistry I General Chemistry I Lab	CHEM 1303 CHEM 1352	General Chemistry II General Chemistry II Lab
MATH 1513 Math 1613	College Algebra or Higher Numbered Math Course	ALHLT 3043	Health Statistics
16 Hours		15 - 18 Hours	

Summer	
ALHLT 2453 Medical Terminology 0003 GE Requirement can be taken here instead of Spring Semester of freshman year	
3-6 Hours	

Sophomore Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
CHEM 3013 CHEM 3111	Organic Chemistry I Organic Chemistry I Lab	CHEM 4133 CHEM 3111	Organic Chemistry II Organic Chemistry II Lab
BIO 3704	Human Anatomy & Lab	BIOL 3904 BIOL 4915	Human Physiology & Lab or General Comparative Anatomy and Physiology & Lab
PHY 1044	Basic Physics I and Lab	PHY 1054	Basic Physics II & Lab
15 Hours		15 Hours	

Junior Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
0003	GE Requirement	0003	GE Requirement
0003	GE Requirement	BIOL 3355	General Microbiology & Lab
CHEM 4124	Biochemistry & Lab	BIO 3253 BIO 3152 BIO 3053	Genetics Genetics Lab or Cell Biology
ALHLT 4093	Epidemiology		
16 Hours		14-16 Hours	

Bachelor of Science in Biology Freshman Year			
Fall Semester		Spring Semester	
1051	SWOSU CONNECT	0003	GE Requirement
ENGL 1113	English Composition I	ENGL 1213	English Composition II
BIOL 1054	Principles of Biology I & Lab	BIOL 1254	Principles of Biology II & Lab
CHEM 1203 CHEM 1252	General Chemistry I General Chemistry I Lab	CHEM 1303 CHEM 1352	General Chemistry II General Chemistry II Lab
MATH 1513 MATH 1613	College Algebra or Higher Numbered Math Course	MATH 3433 MATH 3413 PSYCH 2433	Statistics I or Statistical Methods I or Psychological Statistics
16 Hours		15 - 18 Hours	

Summer
0003 GE Requirement 2 nd 0003 GE Requirement can be taken here instead of Spring Semester of Freshman year
3-6 Hours

Sophomore Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
CHEM 3013 CHEM 3111	Organic Chemistry I Organic Chemistry I Lab	CHEM 4133 CHEM 3111	Organic Chemistry II Organic Chemistry II Lab
BIO 3053	Cell Biology	BIO 3253 BIO 3152	Genetics Genetics Lab
PHY 1044	Basic Physics I and Lab	PHY 1054	Basic Physics II & Lab
14 Hours		16 Hours	

Junior Year			
Fall Semester		Spring Semester	
0003	GE Requirement	0003	GE Requirement
0003	GE Requirement	0003	GE Requirement
BIO 3283	Ecology	BIOL 3355	General Microbiology & Lab
CHEM 4124	Biochemistry & Lab	4901	Biological Sciences Capstone
BIO 3704	Human Anatomy & Lab	BIOL 3904	Human Physiology & Lab

		BIOL 4915	or General Comparative Anatomy and Physiology & Lab
17 Hours		16 Hours	