

2020-2021 OSU CATALOG

B.S. MICROBIOLOGY/CELL & MOLECULAR BIOLOGY: PRE-MEDICAL PROFESSIONAL  
 OSU-College of Osteopathic Medicine 3+1 Program: Course Sequence Example

*AP/CLEP/Concurrent Enrollment – encouraged prior to OSU freshman entry to assist student*

*\*Assumptions: ALEKS Score placement into MATH 1513 & 2 years HS Foreign Language completed*

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| <p><b>OSU Freshman Fall Semester</b></p> <p>ENGL 1113<br/>                     CHEM 1314<br/>                     BIOL 1114<br/>                     *MATH 1513<br/>                     A&amp;S 1111</p> <p style="text-align: right;">Total Semester Hours</p>   | <p>Hours</p> <p>3<br/>                     4<br/>                     4<br/>                     3<br/>                     1</p> <p>15</p>                            | <p><b>OSU Freshman Spring Semester</b></p> <p>ENGL 1213<br/>                     CHEM 1515<br/>                     BIOL 1604<br/>                     POLS 1113<br/>                     UNIV 2611</p> <p style="text-align: right;">Total Semester Hours</p>  | <p>Hours</p> <p>3<br/>                     5<br/>                     4<br/>                     3<br/>                     1</p> <p>16</p> |
| <p><b>OSU Sophomore Fall Semester</b></p> <p>CHEM 3053<br/>                     HIST 1103<br/>                     (S) Social &amp; Behavioral Science (PSYC 1113<br/> <i>Recommended</i>)<br/>                     MICR 2123<br/>                     MICR 2132<br/>                     BIOL 3023 or ANSI 3423</p> <p style="text-align: right;">Total Semester Hours</p> <p>Apply for 3+1 Program/End of Semester</p> | <p>Hours</p> <p>3<br/>                     3<br/>                     3<br/>                     3<br/>                     2<br/>                     3</p> <p>17</p> | <p><b>OSU Sophomore Spring Semester</b></p> <p>CHEM 3153<br/>                     CHEM 3112<br/>                     MICR 3033<br/>                     (H) Humanities with International Dimension –<br/>                     Upper Division<br/>                     (Additional GEN ED (SOC 1113 <i>Recommended</i>))</p> <p style="text-align: right;">Total Semester Hours</p> | <p>Hours</p> <p>3<br/>                     2<br/>                     3<br/>                     3<br/>                     3</p> <p>14</p> |
| <p><b>OSU Junior Fall Semester</b></p> <p>PHYS 1114<br/>                     BIOC 3653<br/>                     Additional GEN ED (A), (H), (N), or (S)<br/>                     Additional GEN ED (A), (H), (N), or (S)<br/>                     MICR 4053</p> <p style="text-align: right;">Total Semester Hours</p>   | <p>Hours</p> <p>4<br/>                     3<br/>                     3<br/>                     3<br/>                     3</p> <p>16</p>                            | <p><b>OSU Junior Spring Semester</b></p> <p>PHYS 1214<br/>                     MICR 3253<br/>                     Arts &amp; Humanities<br/>                     (H) Humanities with Diversity – Upper Division<br/>                     Take MCAT Exam</p> <p style="text-align: right;">Total Semester Hours</p> <p>Matriculate to OSU-COM: End of Semester</p>                   | <p>Hours</p> <p>4<br/>                     3<br/>                     3<br/>                     3</p> <p>13</p>                            |
| <p><b>OSU-College of Osteopathic Medicine</b><br/> <b>First Year – Fall Semester</b></p> <p>✓ Summer Rural Externship: OSU-COM<br/>                     ✓ Fall Semester at OSU-COM</p>   |  | <p><b>OSU-College of Osteopathic Medicine</b><br/> <b>First Year – Spring Semester</b></p> <p>✓ Submit Final, OSU-COM Official<br/>                     Transcripts/End Semester to OSU-Stillwater<br/>                     ✓ Apply for Graduation at OSU-Stillwater</p>  |   |
| <p><b>Total Hours at OSU Undergraduate</b></p>   | <p><b>91</b></p>   |   |   |