WINONA
STATE UNIVERSITY

## Admission to Professional Programs Post Graduation

 Minimum Undergraduate Course Requirements| Professional School | Pharmacy | Medicine | Physician | Veterinary | Forensics | Dentistry |
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| WSU Courses |  | (MD/DO) | Assistant | Medicine | Science |  |
| Web Sites | www.aacp.org | www.aamc.org www.aacom.org | www.aapa.org www.arc-pa.org | www.aavmc.org | www.aafs.org | www.ada.org www.adea.org |
| BIOL 209 | often required | typically not required | often required | BIOL 409 required of most | not required | typically recommended but not typically required |
| BIOL 211/212 | required | typically not required | required | BIOL 322/323 <br> typically required | not required | typically not required |
| BIOL 241 | often required | required | required | required | typically not required | required |
| BIOL 242 | varies by program | required | required | required | typically not required | required |
| CHEM 212/213 | required | required | required | required | required | required |
| CHEM 350/351 | required | required | varies by program, most will accept CHEM 340 | required, some schools accept CHEM 340 | required | required |
| $\begin{gathered} \text { CHEM 405/406, } \\ 407 / 408 \end{gathered}$ | one semester recommended | some schools require | Typically not required, varies by program, may be accepted in place of CHEM 351 | one or two semesters required | required | typically strongly recommended or required |
| CHEM 412/413 | not required | some recommended | not required | not required | required | not required |
| CHEM 425 | not required | not required | not required | not required | required | not required |
| ECON | typically ECON 201, some schools require ECON 202 | not required | not required | not required | not required | not required |
| ENG 2XX | required | required | typically required | typically required | not required | typically required |
| MATH | typically MATH 212 | typically MATH 212 | MATH 115 or higher | typically MATH 212 | MATH 212 | MATH 115 or higher |
| PHYS | PHYS 221 and 222 | PHYS 221 and 222 or PHYS 201 and 202 | typically not required | required | PHYS 221 and 222 | required |
| PSYCH 210 | meets social science requirement | strongly recommended | required | typically not required | recommended | varies by program |
| SOC 150 | meets social science requirement | strongly recommended | typically not required | typically not required | typically recommended | typically not required |
| STAT 210 | varies by program | varies by program | required | required or recommended | typically recommended | varies by program |

