

Monmouth College Rush Masters Program—Model Plan¹

Year	Fall Semester	Spring Semester
First	<u>CHEM 140 General Chemistry</u> BIOL 150 ² ILA ENGL110 or COMM101	BIOL 200 (Cell Biology) ³ ENGL110 or COMM101 CHEM 220 Analytical Chemistry
Second	CHEM 228 Organic Chemistry I <u>BIOL 204 Anatomy & Physiology</u> <u>MATH 207 Stats for the Sciences</u> ⁴	<i>GP</i> <u>BIOL 325 Advanced Anatomy & Physiology</u> <u>PSYC 101 Intro to Psychology</u>
Third	<u>Microbiology (BIOL 302)</u> ³ <u>SOCI 101 or ANTH 101</u>	REFL Upper level Courses BIOCHEM 201 Nutrition ⁵ PSYC 221 Lifespan Development
Fourth	Upper level Biology/Chemistry Courses	Upper level Biology/Chemistry Courses Citizenship

1. The underlined courses in the template above shows the courses required for the Rush Masters program. All prerequisite courses must be completed by the time of application. These are the minimum requirements for Rush, and other schools with generalist entry masters programs may require many more science classes (including Organic chemistry (CHEM 228), Nutrition (BIOC201), and Developmental Psychology (PSYC 221)). Since there are only 2 guaranteed seats for Monmouth students per year, it may be advisable to take these additional science classes in order to qualify for other programs (and to be a better candidate for the Rush program). This is a general plan for the pre-nursing track; students should check with a faculty member in their major department or a member of the pre-health careers committee to assure this track is also compatible with their intended major. Common majors for students going on to nursing school include biology, biopsychology and biochemistry.
2. BIOL 150 is not a requirement of the Rush program. It is a prerequisite for BIO 204. BIO 155 (taught in the spring semester) may be taken instead to fulfill the prerequisite for BIOL204.
3. BIOL 302 has the prerequisite of Cell Biology (BIOL 200), which in turn has the prerequisite of BIOL 150. The cell biology prerequisite may be waived after consultation with the microbiology instructor.
4. MATH 106 (Intro to Statistics), which is taught both semesters, may be substituted for MATH207.
5. BIOC 201 (Nutrition) is taught every other year.