

Name \_\_\_\_\_

Class \_\_\_\_\_

**CHECKLIST FOR CHEMISTRY MAJOR REQUIREMENTS**

<b>Course</b>	<b>Semester (Fall or Spring, Year)</b>	<b>School and Course Number if not taken at Barnard</b>
CHEM BC2001 (Gen Chem)	_____	_____
CHEM BC3230 (Orgo I)	_____	_____
CHEM BC3328 (Orgo I Lab)	_____	_____
CHEM BC3231 (Orgo II)	_____	_____
CHEM BC3335 (Mod. Tech.)	_____	_____
CHEM BC3340 (Quant. Lab)	_____	_____
MATH V1101 (Note 1)	_____	_____
MATH V1102 (Note 1)	_____	_____
PHYS BC2001 (Note 2)	_____	_____
PHYS BC2002 (Note 2)	_____	_____
CHEM BC3271 (Inorganic)	_____	_____
CHEM BC3252 (Thermo.)	_____	_____
CHEM BC3253 (Quant Chem)	_____	_____
CHEM BC3365 (Int. Lab)	_____	_____
CHEM BC3368 (Int. Lab)	_____	_____
Elective Course (specify)	_____	_____
Senior Requirement <sup>3</sup> (specify)	_____	_____

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Note 1: Most majors take Calculus I and II (MATH V1101-V1102). The mathematics department now allows students to take I followed directly by III; that is also acceptable. A third and fourth semester of calculus (MATH V1201- V1202) is strongly recommended.

Note 2: The Barnard physics sequence PHYS BC2001x-2002y (formerly BC1206x-BC1207y) (9 points) is strongly recommended. Any *calculus-based* Columbia sequence, with two semesters of laboratory work, is acceptable (1401-2, 1601-2, but *not* 1301-2). For greater coverage of basic physics, PHYS BC3001x, Waves and Optics, is recommended.

Note 3: Senior Thesis, or 2 to 4 credit research in chemistry at Barnard (BC3597, BC3599) or elsewhere (BC3598) (in junior or senior year), or Senior Colloquium (BC3590y or C3920x)

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List any science or mathematics courses taken beyond the minimum requirements:

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