

Name _____

Class _____

CHECKLIST FOR BIOCHEMISTRY MAJOR REQUIREMENTS

Course	Semester (Fall or Spring, Year)	School and Course Number if not taken at Barnard #
CHEM BC2001 (Gen Chem)	_____	_____
CHEM BC3230 (Orgo I)	_____	_____
CHEM BC3328 (Orgo I Lab)	_____	_____
CHEM BC3231 (Orgo II)	_____	_____
CHEM BC3333 (Mod. Tech.)	_____	_____
CHEM BC3338 (Quant. Lab)	_____	_____
CHEM BC3252 (Thermo.)	_____	_____
CHEM BC3253 (Quant Chem)	_____	_____
BIOL BC1500 (2002) (Gen Bio)	_____	_____
BIOL BC1502 (2001) (Gen Bio)	_____	_____
BIOL BC1501 <i>or</i> BC1503 (Gen Bio Lab)	_____	_____
MATH V1101 (Note #1)	_____	_____
MATH V1102 (Note #1)	_____	_____
PHYS BC2001 (Note #2)	_____	_____
PHYS BC2002 (Note #2)	_____	_____
CHEM BC3282 (Bio. Chem)	_____	_____
BIOL BC2100 (3200, 3302)	_____	_____
CHEM BC3355 (Biochem lab) <i>or</i> CHEM BC3357 (Biochem lab) <i>and</i> BIOL BC3303 (Molec. Bio. Lab)	_____	_____
Elective Course (specify)	_____	_____
Senior Requirement ³ (specify)	_____	_____

Equivalent CU courses may be substituted for some of the above. List the equivalent course.

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* 1201-1, or 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)