

BIOCHEMISTRY MAJOR CONCENTRATION CHECKLIST

STUDENTS: Submit with the Advisement Report and any other major or minor checklists to the Student Services Desk by the due date. See attached for instructions and policies. If substitutions are made, it is the student's responsibility to make sure the substitutions are acceptable to the Biology Department.

Student Name: _____ I.D.: _____

Other Major(s): _____ Minors: _____

I. Required Biology Courses

	Course Title	Semester/Year	Grade	Credit
Biology 13 (with 13L)	Cells and Organisms	_____	_____	_____
Biology 41	General Genetics	_____	_____	_____
Biology 105	Molecular Biology	_____	_____	_____
Biology 50 or 54 or ChBE 163	_____	_____	_____	_____

[Beginning with students who enter Tufts in September 2016, AP credit cannot be used to fulfill BIO 13L]

II. Required Chemistry Courses

	Course Title	Semester/Year	Grade	Credit
Chemistry 1 or 11 or 16	_____	_____	_____	_____
Chemistry 2 or 12	_____	_____	_____	_____
Chemistry 51 and 53	Organic Chemistry I with Lab	_____	_____	_____
Chemistry 52 and 54	Organic Chemistry II with Lab	_____	_____	_____
Chemistry 31	Physical Chemistry I	_____	_____	_____
Chemistry 42	Quantitative Analysis	_____	_____	_____
Chemistry 171	Organic Chemistry of Living Systems: Biochemistry	_____	_____	_____
Chemistry 172	Advanced Biochemistry	_____	_____	_____

III. Other Required Courses

	Course Title	Semester/Year	Grade	Credit
Mathematics 34	Calculus II	_____	_____	_____
Physics 2 or 12	_____	_____	_____	_____

IV. If you have taken any other major courses that are not being used for the above requirements, and would like to have them considered for Latin Honors, please list here:

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

V. List any of the above courses that you are also using towards another major. Please attach an additional sheet if needed.

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

VI. Research experience [not required for the major; required for candidates for *summa cum laude*]

Did you do research as an undergraduate? If so, please specify your PI/advisor: _____

at (address) _____ When/how long? _____

Topic/Title of Research Project: _____

Future Career Plans: _____

Non-Tufts Email (for Newsletter): _____

Student's Signature: _____ Date: _____

I/We certify that completion of the above courses will satisfy all requirements for the BioChemistry major.

Advisor's Signature: _____ Date: _____

Department Chair's Signature: _____ Date: _____

BIOCHEMISTRY MAJOR INSTRUCTIONS AND POLICIES

- **Sixteen courses required**
- **No major course may be taken Pass/Fail.**
- **If you have more than one major, please see Bulletin for rules on double-counting courses.**
- **If you have a minor, no more than two course credits used toward the minor may be used toward foundation, distribution, major, or other minor requirements.**
- **Please see Departmental Website for complete major requirements and policies.**