

University of Minnesota Morris Digital Well

## University of Minnesota Morris Digital Well

---

Curriculum Committee Reports

Curriculum Committee

---

9-7-2000

### Biology Form A: Discipline Summary 09/07/2000

Curriculum Committee

Follow this and additional works at: [https://digitalcommons.morris.umn.edu/curriculum\\_reports](https://digitalcommons.morris.umn.edu/curriculum_reports)

---

#### Recommended Citation

Curriculum Committee, "Biology Form A: Discipline Summary 09/07/2000" (2000). *Curriculum Committee Reports*. 791.

[https://digitalcommons.morris.umn.edu/curriculum\\_reports/791](https://digitalcommons.morris.umn.edu/curriculum_reports/791)

This Article is brought to you for free and open access by the Curriculum Committee at University of Minnesota Morris Digital Well. It has been accepted for inclusion in Curriculum Committee Reports by an authorized administrator of University of Minnesota Morris Digital Well. For more information, please contact [skulann@morris.umn.edu](mailto:skulann@morris.umn.edu).

UMM ACADEMIC AFFAIRS	<b>SEMESTER</b>	FORM A
DISCIPLINE COVER SHEET #1	<b>CURRICULUM CHANGES</b>	(2/00)

### FORM A: DISCIPLINE SUMMARY

(Submit to Division Chair)

<b>Discipline:</b> Biology	<b>Date</b> 7 September 2000
----------------------------	------------------------------

**Note: All changes become effective with the 2001-2003 catalog.**

#### Statistical Summary of Proposed Changes:

	(a)	(b)	(b) – (a)
	Present	Proposed	Net Change*
<u>The Major</u>			
Total courses required for a major**:	17	18	+1
Total credits required for a major**:	62	62	0
<u>The Minor</u>			
Total courses required for a minor**:	5	5	0
Total credits required for a minor**:	20	20	0
<u>General Education</u>			
Total General Education courses:	20	22	+2
Total General Education credits:	101	109	+8
<u>Entire Discipline</u>			
Total courses taught in the discipline***:	24	27	+3
Total credits taught in the discipline***:	91-95	99-103	+8

\*"Present" counts are to be taken from the current 1999-2001 catalog and "Proposed" counts from copy for the new 2001-2003 catalog. The "Net Change" may reflect changes made earlier between catalogs.

\*\*Includes required courses from other disciplines. \*\*\*Does not include Directed Studies or Senior Honors Projects.

#### Narrative Summary

**If individual course changes are part of an overall plan for change within the discipline's curriculum, please summarize the intent of the changes in the space below. Use additional sheets as needed.**

<p>We intend to offer a more diverse and flexible liberal arts major in biology. To that end, we have (1) lowered the number of specific 4-5 cr. courses required for the major from 6 to 5 by changing Biol 3111 (Biochemistry) from a required to an elective course, (2) increased the number of 4-5 cr. elective courses necessary for</p>
--

the major from 2 to 3, and (3) added two additional electives to the curriculum, in Freshwater Biology and Developmental Biology.

After a year's trial of a major writing component in the freshman course Biol 1101 (Biological Principles), we decided it was better to do only the introductory library and writing assignments in that course. We are adding a separate course, Biol 3701 (Biological Communications), for the major term paper (similar to how the writing was handled in our quarter curriculum). Students need more biology coursework before this assignment, and will typically take 3701 as juniors. The new course, Biol 3701, is one credit, and the Principles course has correspondingly been reduced by a credit.

### **Financial Implications**

**Are there any financial or staffing implications of this proposal? If so, explain.**

Staff changes are not required. We recently added a new tenure track position allowing for the offering of more electives. The two electives accounting for the net change of 8 credits above, in fact, are both currently being offered on a temporary basis as advanced topics in the Biol 4000 category (Variable Topics in Advanced Biology).