

Freshman/Sophomore Lecture/Lab Class, Biology Department

Credit hour compliance guidelines for \_\_\_\_\_  
 (specify which class or classes)

We define the following for the average student for these courses.  
 (Delete those not applicable to your courses and add other activities as appropriate.)

<b>Activity</b>	
Assigned readings	2000 minutes/semester Freshmen/Sophomore are expected to use their textbooks as the primary reference source. Textbook reading for introductory biology classes expect between 200-400 pages per semester or about 5 – 10 minutes of reading per page.
Writing	700 minutes/semester Freshmen/Sophomore are expected to write in lab manuals, homework sheets, or compose lab reports at approximately 15 minutes per page (excluding background reading).
Problem sets	
Technology-aided learning	
Oral presentation preparation	
Service Learning or Civic Engagement	
Lab, Studio, or (music) practice time	1200 minutes/semester Freshmen/Sophomore lab classes usually meet approximately 12 times during the semester for either a two or three hour class.
Research	
Individual projects	
Group projects	
Practicum/clinicals	
Study/review <i>(must be realistic!)</i>	800 minutes/semester Freshmen/Sophomore students are to have been exposed to a wide variety of topics and biological concepts that will prepare them for future classes and projects. Studying/review should be done weekly at approximately one hour per week.
Other <i>(explain fully)</i>	

Signature of Department Chair: \_\_\_\_\_ Date: \_\_\_\_\_

# of credit hours	# of minutes in-class meeting each week	# of required minutes outside of class per semester
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Required time for a semester course

1	50 minutes	1680 minutes
2	100 minutes	3360 minutes
3	150 minutes	5040 minutes
4	200 minutes	6720 minutes
5	250 minutes	8400 minutes

Junior/Senior Lecture/Lab Class, Biology Department

Credit hour compliance guidelines for \_\_\_\_\_  
 (specify which class or classes)

We define the following for the average student for these courses.  
 (Delete those not applicable to your courses and add other activities as appropriate.)

<b>Activity</b>	
Assigned readings	2000 minutes/semester Junior/Senior students are expected to read more primary journal articles in addition to textbook sources. Journal articles should be read at approximately 30 minutes per page.
Writing	900 minutes/semester Junior/Senior students are expected to write in lab manuals or compose lab reports at approximately 30 minutes per page (excluding background reading).
Problem sets	
Technology-aided learning	
Oral presentation preparation	
Service Learning or Civic Engagement	
Lab, Studio, or (music) practice time	3000 minutes/semester Junior/Senior lab classes usually meet twice during the week and have a greater time commitment than Freshman/Sophomore lab classes.
Research	
Individual projects	
Group projects	
Practicum/clinicals	
Study/review ( <i>must be realistic!</i> )	800 minutes/semester Junior/Senior students are expected to focus on fewer topics at a greater depth. Because advanced biological concepts are harder to

	understand, student should still be studying approximately one hour or more per week to fully comprehend the content.
Other ( <i>explain fully</i> )	

Signature of Department Chair: \_\_\_\_\_ Date: \_\_\_\_\_

Required time for a semester course

# of credit hours	# of minutes in-class meeting each week	# of required minutes outside of class per semester
1	50 minutes	1680 minutes
2	100 minutes	3360 minutes
3	150 minutes	5040 minutes
4	200 minutes	6720 minutes
5	250 minutes	8400 minutes

Freshman/Sophomore Lecture/Discussion Class, Biology Department

Credit hour compliance guidelines for \_\_\_\_\_  
(specify which class or classes)

We define the following for the average student for these courses.  
(Delete those not applicable to your courses and add other activities as appropriate.)

Activity	
Assigned readings	2000 minutes/semester Freshmen/Sophomore are expected to use their textbooks as the primary reference source. Textbook reading for introductory biology classes expect between 200-400 pages per semester or about 5 – 10 minutes of reading per page.
Writing	700 minutes/semester Freshmen/Sophomore are expected to write in lab manuals, homework sheets, or compose lab reports at approximately 30 minutes per page (excluding background reading).
Problem sets	
Technology-aided learning	
Oral presentation preparation	
Service Learning or Civic Engagement	
Lab, Studio, or (music) practice time	

Research	
Individual projects	300 minutes/semester Freshman/Sophomore are expected to research and present specific topics during discussion sections outside of class time that contribute to the lecture topic understanding.
Group projects	
Practicum/clinicals	
Study/review <i>(must be realistic!)</i>	800 minutes/semester Freshmen/Sophomore students are to have been exposed to a wide variety of topics and biological concepts that will prepare them for future classes and projects. Studying/review should be done weekly at approximately one hour per week.
Other <i>(explain fully)</i>	1200 minutes/semester Discussion section Discussion sections meet approximately 12 times per semester and have student participation and presentations that complement the lecture.

Signature of Department Chair: \_\_\_\_\_ Date: \_\_\_\_\_

Required time for a semester course

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1	50 minutes	1680 minutes
2	100 minutes	3360 minutes
3	150 minutes	5040 minutes
4	200 minutes	6720 minutes
5	250 minutes	8400 minutes

Junior/Senior Lecture/Discussion Class, Biology Department

Credit hour compliance guidelines for \_\_\_\_\_  
(specify which class or classes)

We define the following for the average student for these courses.  
*(Delete those not applicable to your courses and add other activities as appropriate.)*

<b>Activity</b>	
Assigned readings	2000 minutes/semester Junior/Senior students are expected to read more primary journal articles in addition to textbook sources. Journal articles should be read at approximately 30 minutes per page.

Writing	900 minutes/semester Junior/Senior students are expected to write in lab manuals or compose lab reports at approximately 30 minutes per page (excluding background reading).
Problem sets	
Technology-aided learning	
Oral presentation preparation	
Service Learning or Civic Engagement	
Lab, Studio, or (music) practice time	
Research	
Individual projects	300 minutes/semester Freshman/Sophomore are expected to research and present specific topics during discussion sections outside of class time that contribute to the lecture topic understanding.
Group projects	
Practicum/clinicals	
Study/review ( <i>must be realistic!</i> )	800 minutes/semester Junior/Senior students are expected to focus on fewer topics at a greater depth. Because advanced biological concepts are harder to understand, student should still be studying approximately one hour or more per week to fully comprehend the content.
Other ( <i>explain fully</i> )	1200 minutes/semester Discussion section Discussion sections meet approximately 12 times per semester and have student participation and presentations that complement the lecture.

Signature of Department Chair: \_\_\_\_\_ Date: \_\_\_\_\_

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