

Curricular review AAS NES AST LS Fall 20p16  
Course review assignments

AAS NES – \* means in AST LS also

- BIOL 100 – not taught
- BIOL 101 - Rita
- BIOL 111\* – not taught
- BIOL 130 – Misty
- BIOL 201\* - Rachel
- BIOL 202\* – Nathanael
- BIOL 203\* - Terri
- CHEM 111\* – Nathanael?
- CHEM 112\* - Brian
- CHEM 113\* - John
- CHEM 121 – not taught
- GEOL 101 – Terri

AST LS only

- MATH 124 - Misty
- MATH 125 - Rita

Not required

- MATH 107 was included but was already reviewed for the DTA – Nathanael is listed to do it

# NWIC Course Review Form

# C

## Course Information

Date of review 11/18/16Subject code and number: BIOL 101 (Arnold syllabi)Credits: 5Course Title: Introduction to BiologyPerson reviewing course: Rita Asgeirsson

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid Other, describe \_\_\_\_\_  Not taught at allUse the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi. *Missing NWIC, Program O/C's, Learning O/C's do not match Course Outcomes.*

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections. *Course description does not match catalog.*

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. \ If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

**The area below is for Curriculum Committee use only.**

Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date:

# NWIC Course Review Form

# C

## Course Information

Date of review 11/18/16Subject code and number: BIOL 101 (Arnold syllabi)Credits: 5Course Title: Introduction to BiologyPerson reviewing course: Rita Asgeirsson

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

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Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date:

# NWIC Course Review Form

# C

## Course Information

Date of review 11/18/16Subject code and number: BIOL 101 (Bachmann syllabi)Credits: 5Course Title: Introduction to BiologyPerson reviewing course: Rita Asgeirsson

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid Other, describe \_\_\_\_\_  Not taught at allUse the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi. *Missing NWIC, Program, Course O/C's*

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections. *Course description does not match catalog.*

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. \ If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

**The area below is for Curriculum Committee use only.**

Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date:

# NWIC Course Review Form

C

## Course Information

Date of review 11/14/16

Subject code and number: Bio 130

Credits: 5

Course Title: Intro Marine Bio Person reviewing course: Peacock

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU

Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid

Other, describe \_\_\_\_\_  Not taught at all

*why are these diff. than what is listed in excel*

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

*Missing 2015 Fall LC, Winter 2016 LU + LC*

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi.

*program + institutional outcomes missing*

*spreadsheet ??*

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

*not on website.*

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

*Not on syllabi*



Course Review Worksheet - Fall 2016

Course subject and number: Intro to Marine Bio

Instructions: List quarter and section code for each instance that the course was taught Fall 2015 or Winter 2016 at the top of the columns. Indicate whether the response is "Y" or "N" for each section in the grid below. If "N" note briefly why.

Use a second worksheet if more than six sections were taught in different quarters.

List quarter taught (F15 or W16) ----->	Fall 2015	Winter 2016	Fall 2016		
Fill in all section codes taught ->	LC	A, LC	A, TC		
Syllabi present for all sections	NO	<del>A-NO</del> LC-NO	<del>NO</del> YES		
Conforms to syllabus template	No syllabi	<del>NO</del> A- <del>YES</del> LC-NO	YES		
Course info and sequencing correct	NO	<del>NO</del> A- <del>YES</del>	YES		
Current course outcomes posted	NO	<del>NO</del> A- <del>YES</del>	YES		
Program and Institutional outcomes on syllabus	NO	<del>NO</del> A- <del>YES</del>	<del>NO</del> NO		

# NWIC Course Review Form

C

## Course Information

Date of review 11/15/17

Subject code and number: Biol 201

Credits: 5

Course Title: Cell Biology

Person reviewing course: Dr. Rachel Arnold

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU

Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid

Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

No syllabi are uploaded.

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi.

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. \ If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

The area below is for Curriculum Committee use only.

copy!

Summary of Curriculum Committee deliberations:

Recommendations:

Responsible parties need to upload syllabi that are sent by faculty so that this assessment can be completed.

Curriculum Committee action taken:

Approved  Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_  
Curriculum Committee Chair signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dean of Academics and Distance Learning signature

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Vice President of Instruction and Student Services signature

\_\_\_\_\_  
Date:

Course Review Worksheet - Fall 2016

Course subject and number: Biol 201

Instructions: List quarter and section code for each instance that the course was taught Fall 2015 or Winter 2016 at the top of the columns. Indicate whether the response is "Y" or "N" for each section in the grid below. If "N" note briefly why. Use a second worksheet if more than six sections were taught in different quarters.

List quarter taught (F15 or W16) ---->	Fall 15-TC	Fall 15-W	Fall 15-R6	Fall 16-W		
Fill in all section codes taught ->	TC	A	PG	A		
Syllabi present for all sections	None →				*Using syllabus emailed from instructor	
Conforms to syllabus template				✓		
Course info and sequencing correct				✓		
Current course outcomes posted				✓		
Program and institutional outcomes on syllabus				Program outcomes need to be updated		



NORTHWEST INDIAN COLLEGE  
*X w l e m i E l h > T a l > N e x w S q u l*



2522 Kwina Road, Bellingham, Washington 98226-9217

Cell Biology BIOL 201(NSL)

5 credits

NE 112

Lecture T Th 9-10:30 am

Labs Thursday 2-5:30 pm

John Rombold

109 NES

phone: 360-392-4322

email: [jrombold@nwic.edu](mailto:jrombold@nwic.edu)

*Text*

Freeman, Scott. 2008. Biological Science, 4<sup>th</sup> edition. San Francisco, CA: Pearson Benjamin Cummings. ISBN: 0-32-159820-2 [note: the 3<sup>rd</sup> edition is also acceptable for this class, and is probably more affordable if you can find it online. The 5<sup>th</sup> edition (ISBN 9780321743671) is OK as well, but will be more expensive].

*Course description*

Basic biology class designed for students who intend to go further in the life sciences. Covers cell evolution, basic biochemistry and cellular structure and function.

Biology is literally, the science of life. In this class, we will study the molecules, biochemical pathways, and processes that make life possible. We will appreciate some of the unifying themes of life, as well as ways in which life has diversified over the eons into the familiar organisms of our natural world. Biology 201 is an essential foundation course for any student contemplating a science-related career. Beyond that, biology helps us to explain every day phenomena, and to appreciate the simple wonder of life.

*Prerequisites*

CHEM 111, CHEM 121 or concurrent enrollment in one of these courses

*College mission statement*

"Through education, Northwest Indian College promotes indigenous self-determination and knowledge."

*Program outcomes*

Native Environmental Science outcomes related to this course include (with some rewording from your instructor):

1. Communications: *demonstrate fluency in written, oral and graphical communications.* In biology 201, you develop your ability to communicate by writing weekly lab reports, answering essay questions on problem sets and exams, and by writing the term paper.

2. Ways of finding out

a. Multiple perspectives: *view problems through different lenses.* Biology is an integrative science. As you develop your knowledge of biology, you will see how multiple perspectives are used in science. It takes depth and breadth to deal with complex environmental issues!

b. Content knowledge: *develop literacy in the skills, knowledge, and abilities necessary to engage with a research question.* Biology is perhaps the most rapidly changing of all the sciences. The toolkit of biology has expanded tremendously in the last two decades. A working knowledge of biology will help you to understand how to use some of these new tools, to understand the findings of current research and to be able to interact with specialists in the field.

*Course outcomes*

1. Explain the biological importance of water and carbon.
2. Construct a simple model of a protein.
3. Relate the structure of RNA and DNA to their function as information-storing molecules.
4. Describe how the design of carbohydrate molecules links with their functions as molecules for energy, structure and identification.
5. Summarize how lipid molecules create biological membranes.
6. Diagram a prokaryotic and a eukaryotic cell, and describe the functions of their major cellular components.
7. Construct the relationships between oxidation, reduction, respiration and photosynthesis.
8. Outline the principle events of cellular respiration.
9. Diagram and discuss the z-scheme of photosynthesis.
10. Describe the key role of the RUBISCO enzyme, and how plants have evolved strategies to optimize the function of RUBISCO.
11. Learn how to write a scientific paper that is based upon peer-reviewed articles.

*Student Responsibilities*

Get serious about learning! Students make or break a class. You can help yourself and your peers by making a strong and sustained effort to learn all you can about biology.

1. Performance. Make an effort to perform at a high level. You are expected to read the text chapters before lecture. Take good notes and study them. Grill your instructor on points that you do not understand, or that were not explained to you

satisfaction. The library has many fantastic books on biology: check one out and absorb its contents. The more that you put into this class, the more you will get out of it.

2. Attendance. I do not grade attendance. On the other hand, if you do not come to class, you have no chance of passing Biology 201. Please attend class.

3. Community. I encourage students to study together. Working together is a great way to learn, but it depends on each member of the group doing his or her own part. Note that working together does not imply that it is OK to copy each other's work.

4. Participation. Try to ask at least one question during each class session. Your help in cleaning up after lab would also be greatly appreciated by your instructor.

5. Cell phones. Turn off your cell phone before entering the classroom, please. The same applies to other obsessive habits of the digital age, such as texting. Also, I prefer that you keep your laptop turned off and in its case.

6. Exams. Exams are a great opportunity to really learn a subject. Work hard on your tests, and put effort into writing your answers. Great efforts will be rewarded with good grades. On the other hand, shallow and/or poorly composed one to several sentence answers will not meet the high standard expected of college work, or for that matter, the high standard that you should expect of your own performance in this and all other classes at the Northwest Indian College.

### *Exams*

There will be an exam after every two chapters. Part of learning biology does involve a fair amount of memorization, so the quizzes will be an evaluation of your mastery of the concepts of each chapter. Additionally, there will be an open-book, comprehensive final exam at the end of this class. You will be graded on your thoroughness, effort, and on the intellectual merit of your answers

### *Research project*

You will be expected to write a research paper on a biology-related topic of your choice. The approximate length of the paper should be  $\pm 7$  pages, not including the title page, figures, or the bibliography. Your paper will both be presented as a written document, and as an oral presentation to the class. The paper will include a synthesis of at least ten peer-reviewed articles relevant to your research topic. Please note that Wikipedia and many other internet sources do not qualify as peer-reviewed literature. However, traditional knowledge that you have been given permission to share does qualify as peer-reviewed literature. Please consult with your instructor for further clarification. The written report will follow the standard format for a scientific report (see format for a lab report below). The written report is due on Wednesday, November 25<sup>th</sup>. The oral reports will be presented during the regularly scheduled class period on Thursday, December 3<sup>rd</sup>.



## *Labs*

Biology labs at NWIC are open-ended inquiries. We often do not know what we will learn—we do real science. You will be required to submit a typed double-spaced lab write-up each week. Please note that labs are mandatory and cannot be made up.

A general format for a science lab write-up is as follows:

### **Introduction**

Describe what the objectives of the lab are. If you are testing a hypothesis, you should state what your hypothesis is.

### **Methods**

Here, describe the techniques that you used. Make sure to include all of the reagents, quantities, steps, and sources of study material. A good methods section should be thorough enough so that another person could use your procedure to duplicate your experiment.

### **Results**

In this section, you present what you found out. Quantitative data should be organized in a table and or graphs, while qualitative data can often be presented by making a copy of an image, etc. If you know statistics, use your stats to work with the data.

### **Conclusion**

In the conclusion, you interpret and compare your data. For example, if you found that an alpine lake has a pH of 5.9 (acidic), what does that tell you about the health of that ecosystem? This is also where (especially in Biology 201) you should think critically about the methods that were used, what other approaches we might try, etc.

### **Literature cited**

Cite any information source that you used to conduct and interpret your experiment.

Online sources of peer-reviewed literature:

PLOS one [www.plosone.org](http://www.plosone.org)

Directory of Open Access Journals [www.doaj.org](http://www.doaj.org)

Environmental Research Letters [www.iopscience.iop.org](http://www.iopscience.iop.org)

Hindawi Journals [www.hindawi.com](http://www.hindawi.com)

JStor register and read (access via the Lummi Library website)

EBSCO environmental complete (access via the Lummi Library website)

*End of the quarter.* The final due date for this class will be no later than Wednesday, December 7th.

### *Grading*

Grades will be calculated in several different ways, to reflect strengths of students with different learning styles. Your high grade will be the grade reported. Students who do not submit a research project and/or a final exam will not pass Biology 201. As noted earlier, no work will be accepted after December 7th. No opportunity will be given to elevate final grades.

Lab write-ups:  $\pm 10\%$  of your grade

Chapter exams:  $\pm 30\%$  of your grade

Research project:  $\pm 30\%$  of your grade

Final:  $\pm 30\%$  of your grade

A	$\geq 94\%$	D+	67-69
A-	90-93	D	64-66
B+	87-89	D-	60-63
B	84-86	F	60>
B-	80-83		
C+	77-79		
C	74-76		
C-	70-73		

Biology 201 Course Schedule

Week	Chapter	Important concepts
1	read chapter 1	big ideas of biology: <ul style="list-style-type: none"> <li>• cell theory</li> <li>• evolution</li> <li>• relatedness of organisms</li> <li>• development of ideas</li> </ul>
2	chapter 2: water and carbon	atomic structure (review) water chemical reactions carbon
3	chapter 3: proteins	amino acids: structure and properties amino acid polymerization protein structure enzymes
4	chapter 4: nucleic acids	nucleotides DNA RNA ATP
5	chapter 5: carbohydrates	energy storage monosaccharides polysaccharides roles of carbohydrates
6	chapter 6: lipids	phospholipid membranes diffusion and osmosis membrane proteins
7	chapter 7: cells	prokaryotic cells eukaryotic cells structure and function of cellular systems
8	chapter 9: respiration	reduction and oxidation of carbon glycolysis pyruvate oxidation Krebs cycle electron transport chain
9	chapter 10: photosynthesis	light reactions Photosystem II Photosystem I z-scheme dark reactions Rubisco enzyme C3 cycle oxygenation/carboxylation alternative pathways C4 cycle CAM cycle

# NWIC Course Review Form

C

## Course Information

Date of review 11-20-16

Subject code and number: Bio 203

Credits: 5

Course Title: Animal Biology

Person reviewing course: Terr Plake

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU

Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid

Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

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Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi.

*covered*

## Course Information

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*not the same as in ceculog.*

*Missing in A.*

## Course Outcomes

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*Course outcomes differ from course outcomes form online.*

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

*need updating*

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Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date:

Course Review Worksheet - Fall 2016

Course subject and number: Biol 203

Instructions: List quarter and section code for each instance that the course was taught during the review period indicate whether the response is "Y" or "N" for each section in the grid below. If "N" note briefly why.

Use a second worksheet if more than six sections were taught

List quarter taught (F15, W16, SP 16, or F16) -->	SP 16	SP 16					
Fill in all section codes taught -->	A	PG					
Syllabi present for all sections	yes	yes					
Conforms to syllabus template	yes						
Course info and sequencing correct	no sequencing absent	yes					
Current course outcomes posted	no need updating	no need updating					
Program and Institutional outcomes on syllabus	no need updating	no need updating					



# NWIC Course Review Form

# C

## Course Information

Date of review 11/16/16Subject code and number: BIOL 202Credits: 5Course Title: Plant Biology: Gifts of Plants Person reviewing course: Nathanael P. Davis

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi. **(Most Conform, but some syllabi have different course outcomes than approved and on syllabus is missing a weekly schedule -See course review worksheet for more detail.)**

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval. **The approved course outcomes may need to be updated...last updated in July, 2007 (See course review worksheet for more detail)**



## **Program and Institutional Outcomes**

Yes

No

Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

**The area below is for Curriculum Committee use only.**

Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date:

# NWIC Course Review Form

C

## Course Information

Date of review 11-20-16

Subject code and number: Bio 203

Credits: 5

Course Title: Animal Biology

Person reviewing course: Terr Plake

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU

Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid

Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi.

*covered*

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

*not the same as in catulog.*

*Missing in A.*

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. \ If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

*Course outcomes differ from course outcomes form online.*

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

*need updating*

**The area below is for Curriculum Committee use only.**

Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date:

Course Review Worksheet - Fall 2016

Course subject and number: Biol 203

Instructions: List quarter and section code for each instance that the course was taught during the review period. Indicate whether the response is "Y" or "N" for each section in the grid below. If "N" note briefly why.

Use a second worksheet if more than six sections were taught

List quarter taught (F15, W16, SP 16, or F16) -->	SP 16	SP 16					
Fill in all section codes taught -->	A	PG					
Syllabi present for all sections	yes	yes					
Conforms to syllabus template	yes						
Course info and sequencing correct	no sequencing absent	yes					
Current course outcomes posted	no need updating	no need updating					
Program and Institutional outcomes on syllabus	no need updating	no need updating					



# NWIC Course Review Form

# C

## Course Information

Date of review 11/16/16Subject code and number: CHEM 111Credits: 5Course Title: Inorganic Chemistry Person reviewing course: Nathanael P. Davis

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email. (Several syllabi from Fall 2016 could not be found on the G: drive)

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi. (All syllabi conform except the CHEM 111 syllabus from Port Gamble - Abigail Welch. See course review worksheet for more detail.)

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. If the course outcomes form has not been completed or needs updating,

attach it for Curriculum Committee approval. The approved course outcomes may need to be updated...last updated in Feb, 2006 (PG –See course review worksheet for more detail)



### **Program and Institutional Outcomes**

Yes

No

Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current. (PG -See course review worksheet for more detail)

**The area below is for Curriculum Committee use only.**

Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_  
Curriculum Committee Chair signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dean of Academics and Distance Learning signature

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Vice President of Instruction and Student Services signature

\_\_\_\_\_  
Date:

# NWIC Course Review Form

# C

## Course Information

Date of review: 7 Nov 2016

Subject code and number: CHEM 113

Credits: 5

Course Title: Biochemistry

Person reviewing course: Rombold

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU

Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid

Other, describe: The lecture portion of the course was offered via ITV to the Swinomish Campus; however, the labs at Swinomish were taught face-to-face.  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi.

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. \ If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

**The area below is for Curriculum Committee use only.**

Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date:

# NWIC Course Review Form

C

## Course Information

Date of review 11-15-16

Subject code and number: Geol 101

Credits: 5

Course Title: Introduction to Geology Person reviewing course: Terri Plake

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU

Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid

Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi.

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. \ If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current. *need updating.*

Course Review Worksheet - Fall 2016

Course subject and number: Geology 101

Instructions: List quarter and section code for each instance that the course was taught during the review period. Indicate whether the response is "Y" or "N" for each section in the grid below. If "N" note briefly why.

Use a second worksheet if more than six sections were taught

List quarter taught (F15, W16, SP 16, or F16) -->	F15	W16	SP 16	F16
Fill in all section codes taught ->	LC A	NP	LC	NI
Syllabi present for all sections	Geol. 101A Syllabi used.	yes	Geol 101A Syll. used.	no - <del>yes</del> emailed
Conforms to syllabus template	yes	yes	yes	no missing official location phone
Course info and sequencing correct	<del>yes</del> No missing credits	yes	no, missing # credits	yes
Current course outcomes posted	yes	yes	yes	listed as course learning objectives
Program and Institutional outcomes on syllabus	no Institutional outcomes missing	yes	no Institutional outcomes missing	listed under course learning objectives

# NWIC Course Review Form

11/14/16

C

## Course Information

Date of review 11/14/16

Subject code and number: MATH 129

Credits: -

Course Title: Calc & Analytic Geo Person reviewing course: Peacock

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

**The course has been taught using the following modalities within the past year.**  
Check all that apply.

- Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU
- Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid
- Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email.

Yes  No *found a copy of 2014 downloaded from internet*  
Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi.

N/A

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

**Course Review Worksheet - Fall 2016**

Course subject and number: MAAT 124

Instructions: List quarter and section code for each instance that the course was taught Fall 2015 or Winter 2016 at the top of the columns indicate whether the response is "Y" or "N" for each section in the grid below. If "N" note briefly why.

Use a second worksheet if more than six sections were taught in different quarters.

List quarter taught (F15 or W16) -->	Spring 2016						
Fill in all section codes taught -->	A						
Syllabi present for all sections	No Syllabus uploaded						
Conforms to syllabus template							
Course info and sequencing correct							
Current course outcomes posted							
Program and Institutional outcomes on syllabus							



# NWIC Course Review Form

# C

## Course Information

Date of review 11/18/16Subject code and number: MATH 125Credits: 5Course Title: Calculus & Analytical Geometry II Person reviewing course: Rita Asgeirsson

Yes  No Should this course remain active? If no, attach course deactivation/removal from catalog form. *Note: You do not need to complete the remainder of this form if you are deactivating the course.*

Yes  No Should this course be listed in the catalog? If no, and it isn't already decataloged, attach course deactivation/removal from catalog form.

## The course has been taught using the following modalities within the past year.

Check all that apply.

Face-to-Face locations:  LU  MS  NI  NP  PG  SW  TU Individualized Learning (IL or LC)  Online  ITV Telecourse  Hybrid Other, describe \_\_\_\_\_  Not taught at all

Use the course review worksheet to record responses to the following for each section taught

## Course Syllabi

Yes  No Course syllabi from all sites and modalities where the course has been taught in the past year are on the G drive and on record in the Dean of Academics and DL office. If no, identify gaps and submit electronic versions of each missing syllabus to the Dean via email. *Not on G drive*

Yes  No Course syllabi conform to the NWIC syllabus template guidelines. If no, identify gaps and update syllabi. *Missing NWIC and Program O/C's*

## Course Information

Yes  No Current course title, subject and course number, description, prerequisites, number of credits, type of grading, and general education and distribution area coding are all accurate and appropriate. If the course is part of a sequence, the sequencing is accurate and appropriate. If no, identify gap and attach course revision form with corrections.

## Course Outcomes

Yes  No A course outcomes form is completed and outcomes are accurate and appropriate, aligning with the program's curriculum map, and the course outcomes are posted on the NWIC assessment website. If the course outcomes have been completed but not posted, request that they be posted. \ If the course outcomes form has not been completed or needs updating, attach it for Curriculum Committee approval.

## Program and Institutional Outcomes

Yes  No Program and institutional outcomes are listed on all syllabi, as appropriate according to the curriculum map, and are current.

**The area below is for Curriculum Committee use only.**

Summary of Curriculum Committee deliberations:

Recommendations:

Curriculum Committee action taken:

Approved    Returned to presenter for corrections

Approval of Course Review:

\_\_\_\_\_

Curriculum Committee Chair signature

\_\_\_\_\_

Date

\_\_\_\_\_

Dean of Academics and Distance Learning signature

\_\_\_\_\_

Date:

\_\_\_\_\_

Vice President of Instruction and Student Services signature

\_\_\_\_\_

Date: