REQUEST FOR ADDITION OF NEW COURSE

PROPOSED COURSE DESCRIPTION

Rubric & No. 3900 Title Independent Research I

Short Title (≤ 19 characters) INDERESARCHI

Semester Hours of Credit

If combination course type, # hrs. of CREDIT for

Repeat Credit Max. [If repeatable]: credit hours Graduate Credit? ___Yes ___No

Credit will not be given for this course and: CHE 3910

Course Type (Indicate CONTACT hours in the appropriate course type.)

Lecture Lab Seminar Recitation Lec/Rec Lec/Sem Lec/Lab Res/Ind Clin/Pract Intern

Maximum enrollment per section: (use integer, e.g. 25 not 20-30) 99

Grading System: Letter Grade ___ Pass/Fail ___ Final Exam:___ Yes ___ No ___

Course Description:
(Concise catalog statement exactly as you wish it to appear in the General Catalog)

CHE 3900 Independent Research I

An honors course, CHE 3910, is also available. Prereq: a grade of "C" or better in CHE 2171 and CHE 2176, an overall GPA of at least 3.0, and consent of instructor. Midterm presentation, final presentation, and final written report required. Credit will not be given for both this course and CHE 3910. Individual study of a specific chemical engineering problem or individual laboratory research.

BUDGET IMPACT (IF ANSWER TO ANY QUESTION IS "YES", ATTACH EXPLANATION.)

If this course is approved, will additional staff be needed? ___Yes ___No ___X

Will additional space, equipment, special library materials or other major expense be involved? ___Yes ___No ___X

Academic Affairs Approval: ___

(Date)

ATTACHMENTS (ATTACH THE FOLLOWING TO YOUR PROPOSAL)

JUSTIFICATION: Justification must explain why this course is needed and how it fits into the curricula. Will the course duplicate other courses?

SYLLABUS: Including 4-week outline of the subject matter; titles of text, lab manual, and/or required readings; grading scale and criteria

(For 4000-level, specify graduate student grading criteria if requirements differ for graduate and undergraduate students.)

APPROVALS

Department Faculty Approval Date 1/25/18 College Faculty Approval Date 2/19/18

Department Chair Signature 1-25-18

(Date)

College Dean Signature 2/18/18

(Date)

Graduate Dean Signature

(Date)

Frank Blystad fblyst13@lsu.edu

College Contact E-mail

Academic Affairs Approval 3/7/18

(Date)
Justification to Create Four Independent Research Courses – CHE 3900, CHE 3901, CHE 3910, and CHE 3911

Our faculty would like to offer more opportunities for undergraduate research. We propose to achieve this goal by creating four independent research courses: CHE 3900 Independent Research I (3), CHE 3901 Independent Research II (3), CHE 3910 Honors Independent Research I (3), and CHE 3911 Honors Independent Research II (3). Our current research courses are structured over two semesters in a one-hour and a two-hour course. The proposed courses would allow undergraduates the opportunity to select a research topic from several faculty members. In addition, it will give them hands on experience with a variety of lab equipment, allow direct one-on-one communication with a faculty advisor, and help prepare them for graduate school or industry. In part two of the research courses, CHE 3901 and CHE 3911, undergraduates will present a poster at a recognized scientific event or contribute to a manuscript. This will give our undergraduates an opportunity to broaden their scientific communication skills. Finally, the creation of these courses would align our undergraduate research opportunities with those of peer departments across the nation.

Justification for Independent Research Courses CHE 3900, CHE 3901, CHE 3910, and CHE 3911 Having No Final During Examination Week

Because these courses are based solely on independent research and require a final presentation (oral) and final report (written), they do not require a final during examination week.
CHE 3900 – Independent Research I

Instructor: Prof Jane Doe
3307 Patrick F. Taylor Hall
janedoe@lsu.edu

Lectures: Meeting times to be arranged as needed.

Recommended Reading: Cantor’s Dilemma, Carl Djerassi, Penguin, 1991.

Website: The course website is on Moodle: http://moodle3.lsu.edu. This site will have places for class news and due dates. If you forget important dates or lose your syllabus, check the Moodle site for help.

Grading: Final grades will be weighted as follows:

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*Note: Grade assignments noted with an * are the responsibility of your advisor.

Requirements: This course will have only a few traditional assignments, and therefore requires more independent motivation than a typical course. We will use weekly progress reports to gauge the time being spent and to assess progress. This is to ensure accountability by the students and to assure the students that (although research is an open ended endeavor), the course will not have an open-ended time commitment. A general rule of thumb for college courses is to spend three hours outside of class for every hour in class per week this report your time to the more, some somewhat less; evenly over the term, especially class. (What if you must wait a week for analysis to be returned from an analytical lab, or to from interlibrary loan). Any absences (e.g., an inability progress report, not working in the lab, missing a presentation or deadline, etc.) must comply with PS 22, LSU’s policy on student absences, (https://sites01.lsu.edu/wp/policiesprocedures/policies-procedures/22/). No excused absences will be granted outside of this policy.
CxC: This is a certified Communication-Intensive (C-I) course which meets all the requirements set forth by LSU’s Communication Across the Curriculum program, including:

- Instruction and assignments emphasizing informal and formal written and spoken communication modes
- Teaching of Discipline-specific communication techniques
- Use of draft-feedback-revision process for learning
- Practice of ethical and professional work standards
- 40% of the course grade is rooted in communication-based work
- A student/faculty ratio no greater than 35:1

Students interested in pursuing the LSU Distinguished Communicators certification may use this C-I course for credit. For more information about this student recognition program, visit www.cxclsu.edu.

Regulations: This course is research intensive, requiring students to work 9-12 hours a week in research related activities, i.e. in the lab, library, or writing presentations and papers. As such, each course advisor is limited to advising two students per semester. In addition, students working under the supervision of a professor cannot receive credit for this course and compensation for the same work.

Progress Reports: You must submit a weekly progress report (via Moodle) with a brief description of the work that was done that week and an estimate of the time spent. Credit for progress reports is given simply for timely submission. This part of the grade is not affected by the number of hours you record. Please be truthful in your reporting as we use this to gauge whether we need to make changes in the course.

Midterm Presentation: Midterm presentations will be scheduled during LSU’s midterm examination week. You are required to give a brief presentation to faculty advisors, and should broadly discuss the motivation for your research, the state of the science, the results of your research, and the impact of your research. Your presentation slides must be submitted on Moodle the day before your presentation.

Final Presentation: Final presentations will be scheduled during the week prior to LSU’s final examination week. You are required to give a brief presentation to faculty advisors focusing on the results from your work. Your presentation slides must be submitted on Moodle the day before your presentation.

Final Written Report: The format of your final written report is determined by each faculty advisor. Final written reports are due by 5:00 pm on the last day of LSU’s final examination week.

Grading: Grades for the oral and written reports will be based on the content (quality and originality) and the presentation (writing style and clarity for written; communication effectiveness for orals).
Academic: All work must be your own or be referenced appropriately. In accordance with the Code of Student Conduct, all matters concerning academic dishonesty or computer abuse may be turned over to the Dean of Students Office. See the following website for more information: http://deanofstudents.lsu.edu/

Disability Services: The University is committed to making reasonable efforts to assist individuals with disabilities in their efforts to avail themselves of services and programs offered by the University. To this end, Louisiana State University will provide reasonable accommodations for persons with documented qualifying disabilities. If you have a disability and feel you need accommodations in this course, you must present a letter to me from Disability Services in 115 Johnston Hall, indicating the existence of a disability and the suggested accommodations.
REQUEST FOR ADDITION OF NEW COURSE

PROPOSED COURSE DESCRIPTION

Rubric & No. 3910 Title Honors Independent Research I

Short Title (≤ 19 characters) H O N I N D R E S E A R C H

Semester Hours of Credit 3

If combination course type, # hrs. of CREDIT for
Lecture: _____ Lab/Sem/Rec: _____

Repeat Credit Max. (If repeatable): _____ credit hours Graduate Credit? ___ Yes ___ No

Credit will not be given for this course and: CHE 3900

Course Type (Indicate CONTACT hours in the appropriate course type.)
Lecture Lab Seminar Recitation Lec/Rec _____ __________ _____ __________ Lec/Sem _____ __________ _____ __________ Lec/Lab _____ __________ _____ __________ Res/Ind _____ __________ _____ __________ Clin/Pract _____ __________ _____ __________ Intern _____

Maximum enrollment per section: (use integer, e.g. 25 not 20-30) 50

Grading System: Letter Grade _____ Pass/Fail _____ Final Exam:*** Yes _____ No _____

**(Attach justification if the proposed course will not hold a final exam during examination week.)**

Course Description:
(Consider catalog statement exactly as it will appear in the General Catalog)

CHE 3910 Honors Independent Research I

Same as CHE 3900 with special honors emphasis. Prereq: a grade of "C" or better in CHE 2171 and CHE 2172, an overall GPA of at least 3.0, and consent of instructor. Midterm presentation, final presentation, and final written report required. Credit will not be given for both this course and CHE 3900.

BUDGET IMPACT (IF ANSWER TO ANY QUESTION IS "YES", ATTACH EXPLANATION.)

If this course is approved, will additional staff be needed? Yes ___ No X ___

Will additional space, equipment, special library materials or other major expense be involved? Yes ___ No X ___

Academic Affairs Approval: (Date)

ATTACHMENTS (ATTACH THE FOLLOWING TO YOUR PROPOSAL)

JUSTIFICATION: Justification must explain why this course is needed and how it fits into the curricula. Will the course duplicate other courses?
SYLLABUS: Including 14 week outline of the subject matter; titles of text, lab manual, and/or required readings; grading scale and criteria
(For 4000-level, specify graduate student grading criteria if requirements differ for graduate and undergraduate students).

APPROVALS

Department Faculty Approval Date 1/25/18 College Faculty Approval Date 2/7/18

Department Chair Signature 1/25/18 College Dean Signature 2/8/18

Graduate Dean Signature (date) Chair, FS C&C Committee (date)

Frank Blystad fdblyst13@lsu.edu College Contact E-mail

Academic Affairs Approval 3/9/18
Justification to Create Four Independent Research Courses – CHE 3900, CHE 3901, CHE 3910, and CHE 3911

Our faculty would like to offer more opportunities for undergraduate research. We propose to achieve this goal by creating four independent research courses: CHE 3900 Independent Research I (3), CHE 3901 Independent Research II (3), CHE 3910 Honors Independent Research I (3), and CHE 3911 Honors Independent Research II (3). Our current research courses are structured over two semesters in a one-hour and a two-hour course. The proposed courses would allow undergraduates the opportunity to select a research topic from several faculty members. In addition, it will give them hands on experience with a variety of lab equipment, allow direct one-on-one communication with a faculty advisor, and help prepare them for graduate school or industry. In part two of the research courses, CHE 3901 and CHE 3911, undergraduates will present a poster at a recognized scientific event or contribute to a manuscript. This will give our undergraduates an opportunity to broaden their scientific communication skills. Finally, the creation of these courses would align our undergraduate research opportunities with those of peer departments across the nation.

Justification for Independent Research Courses CHE 3900, CHE 3901, CHE 3910, and CHE 3911 Having No Final During Examination Week

Because these courses are based solely on independent research and require a final presentation (oral) and final report (written), they do not require a final during examination week.
Instructor: Prof. Jane Doe  
3307 Patrick F. Taylor Hall  
janedoe@lsu.edu

Lectures: Meeting times to be arranged as needed.

Recommended Reading: Cantor’s Dilemma, Carl Djerassi, Penguin, 1991.

Website: The course website is on Moodle: http://moodle3.lsu.edu. This site will have places for class news and due dates. If you forget important dates or lose your syllabus, check the Moodle site for help.

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*Note: Grade assignments noted with an * are the responsibility of your advisor.

Requirements: This course will have only a few traditional assignments, and therefore requires more independent motivation than a typical course. We will use weekly progress reports to gauge the time being spent and to assess progress. This is to ensure accountability by the students and to assure the students that (although research is an open ended endeavor), the course will not have an open ended time commitment. A general rule of thumb for college courses is to spend three hours outside of class for every hour (or credit hour). Hence, your progress reports should target 9-12 hours per week this semester (including meeting times with your advisor). Please best of your ability. Some weeks might be somewhat however, the time should end up being spread quite since it is not possible to ‘cram’ in a research cell cultures to grow, for an SEM receive a critical research article to submit a weekly report

in class
per week this
report your time to the
more, some somewhat less;
evenly over the term, especially class. (What if you must wait a week for analysis to be returned from an analytical lab, or to from interlibrary loan). Any absences (e.g., an inability progress report, not working in the lab, missing a presentation or deadline, etc.) must comply with PS 22, LSU’s policy on student absences, (https://sites01.lsu.edu/wp/policies-procedures/policies-procedures/22/). No excused absences will be granted outside of this policy.
### Honors Requirement:

Students taking this course are expected to incorporate results from their research work into their Honors Thesis. In addition, students are expected to engage in literature reviews. These reviews should be discussed with their faculty advisor and be incorporated in their written and oral presentations.

### CxC:

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### Regulations:

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### Progress Reports:

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### Midterm Presentation:

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### Final Presentation:

Final presentations will be scheduled during the week prior to LSU’s final examination week. You are required to give a brief presentation to faculty advisors focusing on the results from your work. Your presentation slides must be submitted on Moodle the day before your presentation.
Final Written Report: The format of your final written report is determined by each faculty advisor. Final written reports are due by 5:00 pm on the last day of LSU’s final examination week.

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REQUEST FOR ADDITION OF NEW COURSE

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<th>Pass/Fail</th>
<th>Final Exam:</th>
<th>Yes</th>
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**(Attach justification if the proposed course will not hold a final exam during examination week.)**

Course Description:
(Concise catalog statement exactly as you wish it to appear in the General Catalog)

CHE 3901 Independent Research II

An honors course, CHE 3911, is also available. Prereq: a grade of "C" or better in CHE 3900, an overall GPA of at least 3.0, and consent of instructor. Midterm presentation, final presentation, final written report, and poster presentation at a recognized scientific event or contribution to a scientific manuscript required. Credit will not be given for both this course and CHE 3911. A continuation of CHE 3900, individual study of a specific chemical engineering problem or individual laboratory research.

**BUDGET IMPACT (IF ANSWER TO ANY QUESTION IS "YES", ATTACH EXPLANATION.**

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**ATTACHMENTS (ATTACH THE FOLLOWING TO YOUR PROPOSAL)**

JUSTIFICATION: Justification must explain why this course is needed and how it fits into the curricula. Will the course duplicate other courses? SYLLABUS: Including 14 week outline of the subject matter; titles of text, lab manual, and/or required readings; grading scale and criteria (For 4000-level, specify graduate student grading criteria if requirements differ for graduate and undergraduate students).

**APPROVALS**

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Frank Blystad tbfystl13@su.edu
College Contact E-mail

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Justification for Independent Research Courses CHE 3900, CHE 3901, CHE 3910, and CHE 3911 Having No Final During Examination Week

Because these courses are based solely on independent research and require a final presentation (oral) and final report (written), they do not require a final during examination week.
**CHE 3901 – Independent Research II**

Instructor:  
Prof Jane Doe  
3307 Patrick F. Taylor Hall  
janedoe@lsu.edu

Lectures:  
Meeting times to be arranged as needed.

Recommended Reading:  

Website:  
The course website is on Moodle: http://moodle3.lsu.edu. This site will have places for class news and due dates. If you forget important dates or lose your syllabus, check the Moodle site for help.

Grading:  
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Requirements:  
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**Regulations:**
Your work in this course is expected to build on results obtained in CHE 3900. This course is research intensive, requiring students to work 9-12 hours a week in research related activities, i.e. in the lab, library, or writing presentations and papers. As such, each course advisor is limited to advising two students per semester. In addition, students working under the supervision of a professor cannot receive credit for this course and compensation for the same work.

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Grading: Grades for the oral and written reports will be based on the content (quality and originality) and the presentation (writing style and clarity for written; communication effectiveness for orals).

Contribution to a Scientific Manuscript: Students that choose this option are required to contribute to a scientific manuscript that is submitted to a scientific journal for publication.

Poster Presentation at a Conference: Students that choose this option are required to create a poster representing their research and must present that poster at a recognized scientific event. Scientific events include, but are not limited to: AIChE Regional/National Meetings, ACS Regional/National Meetings, Council on Undergraduate Research, National Collegiate Honors Council, LSU sponsored scientific conference. When, where, and the type of conference will be chosen on a case by case basis.

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Disability Services: The University is committed to making reasonable efforts to assist individuals with disabilities in their efforts to avail themselves of services and programs offered by the University. To this end, Louisiana State University will provide reasonable accommodations for persons with documented qualifying disabilities. If you have a disability and feel you need accommodations in this course, you must present a letter to me from Disability Services in 115 Johnston Hall, indicating the existence of a disability and the suggested accommodations.
REQUEST FOR ADDITION OF NEW COURSE

Department: Chemical Engineering
Date: 1/25/18

PROPOSED COURSE DESCRIPTION

<table>
<thead>
<tr>
<th>Rubric &amp; No.</th>
<th>3911</th>
<th>Title</th>
<th>Honors Independent Research II</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Short Title (≤ 19 characters)</th>
<th>Honors Independent Research II</th>
</tr>
</thead>
</table>

| Semester Hours of Credit | 3 |

If combination course type, # hrs. of CREDIT for:

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Lab/Sem/Rec:</th>
</tr>
</thead>
</table>

Repeat Credit Max. (If repeatable):

<table>
<thead>
<tr>
<th>credit hours</th>
<th>Graduate Credit?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

Credit will not be given for this course and:

<table>
<thead>
<tr>
<th>CHE 3901</th>
</tr>
</thead>
</table>

Course Type (Indicate CONTACT hours in the appropriate course type.)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Lab</th>
<th>Seminar</th>
<th>Recitation</th>
<th>Lec/Rec</th>
<th>Lec/Sem</th>
<th>Lec/Lab</th>
<th>Res/Ind</th>
<th>Clin/Pract</th>
<th>Intern</th>
</tr>
</thead>
</table>

Maximum enrollment per section: (use integer, e.g. 25 not 20-30) 99

Grading System: Letter Grade X Pass/Fail Final Exam: Yes No X

**(Attach justification if the proposed course will not hold a final exam during examination week.)**

Course Description:

Concise catalog statement exactly as you wish it to appear in the General Catalog.

CHE 3911 Honors Independent Research II

Same as CHE 3901 with special honors emphasis. Prereq: a grade of "C" or better in CHE 3910, an overall GPA of at least 3.0, and consent of instructor. Midterm presentation, final presentation, final written report, and poster presentation at a recognized scientific event or contribution to a scientific manuscript required. Credit will not be given for this course and CHE 3901.

BUDGET IMPACT (IF ANSWER TO ANY QUESTION IS "YES", ATTACH EXPLANATION.)

<table>
<thead>
<tr>
<th>If this course is approved, will additional staff be needed?</th>
<th>Yes</th>
<th>No X</th>
</tr>
</thead>
</table>

Will additional space, equipment, special library materials or other major expense be involved?

<table>
<thead>
<tr>
<th>Academic Affairs Approval:</th>
<th>Yes</th>
<th>No X</th>
</tr>
</thead>
</table>

(attachment)

ATTACHMENTS (ATTACH THE FOLLOWING TO YOUR PROPOSAL)

JUSTIFICATION: Justification must explain why this course is needed and how it fits into the curricula. Will the course duplicate other courses?

SYLLABUS: Including 14 week outline of the subject matter; titles of text, lab manual, and/or required readings; grading scale and criteria

(Approval)

APPROVALS

Department Approval Date: 1/26/18

College Approval Date: 2/17/18

Department Chair Signature: Frank Blvstad

Graduate Dean Signature: E-mail

College Dean Signature: John B.

Chair's C & C Committee: (date)

Academic Affairs Approval: (date)
Justification to Create Four Independent Research Courses – CHE 3900, CHE 3901, CHE 3910, and CHE 3911

Our faculty would like to offer more opportunities for undergraduate research. We propose to achieve this goal by creating four independent research courses: CHE 3900 Independent Research I (3), CHE 3901 Independent Research II (3), CHE 3910 Honors Independent Research I (3), and CHE 3911 Honors Independent Research II (3). Our current research courses are structured over two semesters in a one-hour and a two-hour course. The proposed courses would allow undergraduates the opportunity to select a research topic from several faculty members. In addition, it will give them hands on experience with a variety of lab equipment, allow direct one-on-one communication with a faculty advisor, and help prepare them for graduate school or industry. In part two of the research courses, CHE 3901 and CHE 3911, undergraduates will present a poster at a recognized scientific event or contribute to a manuscript. This will give our undergraduates an opportunity to broaden their scientific communication skills. Finally, the creation of these courses would align our undergraduate research opportunities with those of peer departments across the nation.

Justification for Independent Research Courses CHE 3900, CHE 3901, CHE 3910, and CHE 3911 Having No Final During Examination Week

Because these courses are based solely on independent research and require a final presentation (oral) and final report (written), they do not require a final during examination week.
CHE 3911 – Honors Independent Research II

Instructor: Prof Jane Doe
3307 Patrick F. Taylor Hall
janedoe@lsu.edu

Lectures: Meeting times to be arranged as needed.

Recommended Reading: Cantor’s Dilemma, Carl Djerassi, Penguin, 1991.

Website: The course website is on Moodle: http://moodle3.lsu.edu. This site will have places for class news and due dates. If you forget important dates or lose your syllabus, check the Moodle site for help.

Grading: Final grades will be weighted as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly progress reports:</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm presentation* (oral):</td>
<td>20%</td>
</tr>
<tr>
<td>Final presentation* (oral):</td>
<td>20%</td>
</tr>
<tr>
<td>Final research report* (written):</td>
<td>20%</td>
</tr>
<tr>
<td>Poster Presentation/Contribute to a Scientific Manuscript*:</td>
<td>30%</td>
</tr>
</tbody>
</table>


*Note: Grade assignments noted with an * are the responsibility of your advisor

Requirements: This course will have only a few traditional assignments, and therefore requires more independent motivation than a typical course. We will use weekly progress reports to gauge the time being spent and to assess progress. This is to ensure accountability by the students and to assure the students that (although research is an open ended endeavor), the course will not have an open-ended time commitment. A general rule of thumb for college courses is to spend three hours outside of class for every hour (or credit hour). Hence, your progress reports should target 9-12 hours per week this semester (including meeting times with your advisor). Please report your time to the best of your ability. Some weeks might be somewhat even, some somewhat less; however, the time should end up being spread quite evenly over the term, especially since it is not possible to ‘cram’ in a research class. (What if you must wait a week for analysis to be returned from an analytical lab, or to from interlibrary loan). Any absences (e.g., an inability to submit a weekly report, not working in the lab, missing a presentation or deadline, etc.) must comply with PS 22, LSU’s policy on student absences, (https://sites01.lsu.edu/wp/policiesprocedures/policies-procedures/22/). No excused absences will be granted outside of this policy.
Honors Requirements: Students taking this course are expected to incorporate results from their research work into their Honors Thesis. In addition, students are expected to engage in literature reviews. These reviews should be discussed with their faculty advisor and be incorporated in their written and oral presentations.

CxC: This is a certified Communication-Intensive (C-I) course which meets all the requirements set forth by LSU’s Communication Across the Curriculum program, including:

- Instruction and assignments emphasizing informal and formal written and spoken communication modes
- Teaching of Discipline-specific communication techniques
- Use of draft-feedback-revision process for learning
- Practice of ethical and professional work standards
- 40% of the course grade is rooted in communication-based work
- A student/faculty ratio no greater than 35:1

Students interested in pursuing the LSU Distinguished Communicators certification may use this C-I course for credit. For more information about this student recognition program, visit [www.cxclsu.edu](http://www.cxclsu.edu).

Regulations: Your work in this course is expected to build on results obtained in CHE 3910. This course is research intensive, requiring students to work 9-12 hours a week in research related activities, i.e. in the lab, library, or writing presentations and papers. As such, each course advisor is limited to advising two students per semester. In addition, students working under the supervision of a professor cannot receive credit for this course and compensation for the same work.

Progress Reports: You must submit a weekly progress report (via Moodle) with a brief description of the work that was done that week and an estimate of the time spent. Credit for progress reports is given simply for timely submission. This part of the grade is not affected by the number of hours you record. Please be truthful in your reporting as we use this to gauge whether we need to make changes in the course.

Midterm Presentation: Midterm presentations will be scheduled during LSU’s midterm examination week. You are required to give a brief presentation to faculty advisors, and should broadly discuss the motivation for your research, the state of the science, the results of your research, and the impact of your research. Your presentation slides must be submitted on Moodle the day before your presentation.

Final Presentation: Final presentations will be scheduled during the week prior to LSU’s final examination week. You are required to give a brief presentation to faculty advisors focusing on the results from your work. Your presentation slides must be submitted on Moodle the day before your presentation.
Final Written Report: The format of your final written report is determined by each faculty advisor. Final written reports are due by 5:00 pm on the last day of LSU’s final examination week.

Grading: Grades for the oral and written reports will be based on the content (quality and originality) and the presentation (writing style and clarity for written; communication effectiveness for orals).

Contribution to a Scientific Manuscript: Students that choose this option are required to contribute to a scientific manuscript that is submitted to a scientific journal for publication.

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