

# UC DAVIS Biomedical Engineering Internship Form

## Engineering or Science Elective Credit

*FOR THE STUDENT: Please fill out this side of the form.*

**Research Topic:** \_\_\_\_\_

	CRN	SE Units	EE Units	Quarter and Year Offered
<b>Biomedical Engineering 192</b>	_____	_____	_____	_____ 20_____

Total 4 units = 120 hours.

### Course Plan:

#### Part I: The Research Proposal

- Complete both sides of the BIM 192 form.
- Attach 1-2 page Research Proposal describing the background, aims, methods, and anticipated results of your proposed work. Include a statement of the significance of the work (why it is important to study).
- Obtain Supervisor's signature.
- Submit to UG advisor for review by UG Committee Chair.
- Once approved, obtain CRN from UG advisor and register for 4 units of EE credit.

*Until Part II is successfully completed, this research will count as internship credit only.*

#### Part II: The Presented Results (For engineering elective credit only)

At the end of the quarter:

- Supervisor must send email to UG advisor ([rchristian@ucdavis.edu](mailto:rchristian@ucdavis.edu)) with student's name, dates of internship, hours worked per week, detailed explanation of work performed and grade (P/NP).
- Obtain Supervisor's 2<sup>nd</sup> signature as approval of work.
- The results must be presented as a 10-page double-spaced paper.
- Resubmit BIM 192 form with attached work to UG Advisor for UG Committee approval.

*Once UG Committee approval is obtained, then 4 units of internship credit will be counted towards Engineering or Science elective.*

Student: \_\_\_\_\_ I.D. # \_\_\_\_\_ Major: \_\_\_\_\_

Total number of units completed to date: (84 units required to take 192 course for degree credit) \_\_\_\_\_

BIM 192 engineering elective units already completed (quarter and units) \_\_\_\_\_

The limitation on special study courses (99, 192, 194H, and 199) is 5 units per term with the exception of courses approved as part of the Independent Study Program.

*FOR THE SUPERVISOR: Please fill out this side of the form.*

Supervisor's Name: \_\_\_\_\_ Supervisor's Email: \_\_\_\_\_

Name of Company: \_\_\_\_\_

Dates Worked: \_\_\_\_\_ Hours worked per week: \_\_\_\_\_

Please select either Engineering or Science elective credit and check the appropriate boxes.

*ENGINEERING ELECTIVE CREDIT* \_\_\_\_\_ *OR* *SCIENCE ELECTIVE CREDIT* \_\_\_\_\_

To be considered for **Engineering Elective** credit, the completed report must demonstrate all of the following:

- ☐ A clear statement of engineering deliverables or engineering design objectives.
- ☐ An overview of existing engineering solutions in the field.
- ☐ Evidence of testing/validation and quantitative analysis of results.
- ☐ A clear statement of the impact of the completed work on society.

Describe the engineering content of the project below.

To be considered for **Science Elective** credit, the completed report must demonstrate all of the following:

- ☐ An overview of the scientific background underlying the project with appropriate literature citations.
- ☐ A clearly stated, testable hypothesis.
- ☐ Evidence of ability to design, analyze, and interpret the results of experiments.
- ☐ A clear statement of conclusions and their relation to the field at large.

<p><b>Part I</b></p> <p>I certify that I have reviewed the attached Research Proposal and this project is suitable as 4 units of (check one):</p> <p>Engineering elective _____</p> <p>Science elective _____</p>        <hr/> <p>Supervisor's Signature <span style="float: right;">Date</span></p> <hr/> <p>UG Committee Chair's Signature <span style="float: right;">Date</span></p>	<p><b>Part II</b></p> <p>I certify that the 10-page double spaced paper was completed at C- or better quality and is suitable for elective credit as described in the Engineering &amp; Science Elective sections above..</p>        <hr/> <p>Supervisor's Signature <span style="float: right;">Date</span></p> <hr/> <p>UG Committee Chair's Signature <span style="float: right;">Date</span></p>
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