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| **DEPARTMENT OF AGRICULTURAL AND BIOSYSTEMS ENGINEERING** |
| **IOWA STATE UNIVERSITY** |
| **BIOLOGICAL SYSTEMS ENGINEERING INDEPENDENT STUDY FORM (1 to 5 credits)** |
| Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Semester (Check one): F[ ]  S[ ]  SS[ ]  Year 20      |
| BSE 490 B – Biorenewable Resources Engineering | [ ]  |  |  |
| BSE 490 E – Environmental Bioprocessing | [ ]  |  |  |
| BSE 490 F –Food Engineering | [ ]  |  |  |
| BSE 490 G – General Biosystems Engr Topics | [ ]  |  |  |
| BSE 490 H - Honors | [ ]  |  |  |
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| **Project Statement** (Briefly describe the problem/project you will be working on.):  |
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| **Final Requirements** (A written report submitted to the Problem Supervisor is the minimum requirement. Other specific requirements and deadlines set by the Problem Supervisor should be described below.): |
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| **Estimated total time in hours:**       | **Number of credits to be earned:**       |
| NOTE: One semester credit is equivalent to approximately 48 hours of effort |
| Is this course a substitute for a required course? Yes [ ]  No [ ]  If yes, which course?       |
| If yes, explain why the substitution is needed and how the proposed project will meet the objectives of the course being replaced. |
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| Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_ |
| Problem Supervisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_ |
| Academic Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_ |
| Curriculum Chair Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_ |
| The above information must be completed and signatures obtained before the following information (which allows you to sign up for the course) can be secured from your adviser. This form will be placed in your student advising file, with copies to your advisor and problem supervisor. |
| Course Reference Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Section: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |