

1. Departmental purpose and relationship to the University mission (refer to instructions in the WSU Program Review document for more information on completing this section).

a. University Mission

[REDACTED]

setting. Through teaching, scholarship and public service the University seeks to equip both students and the larger community with the educational and cultural tools they need to thrive in a complex world, and

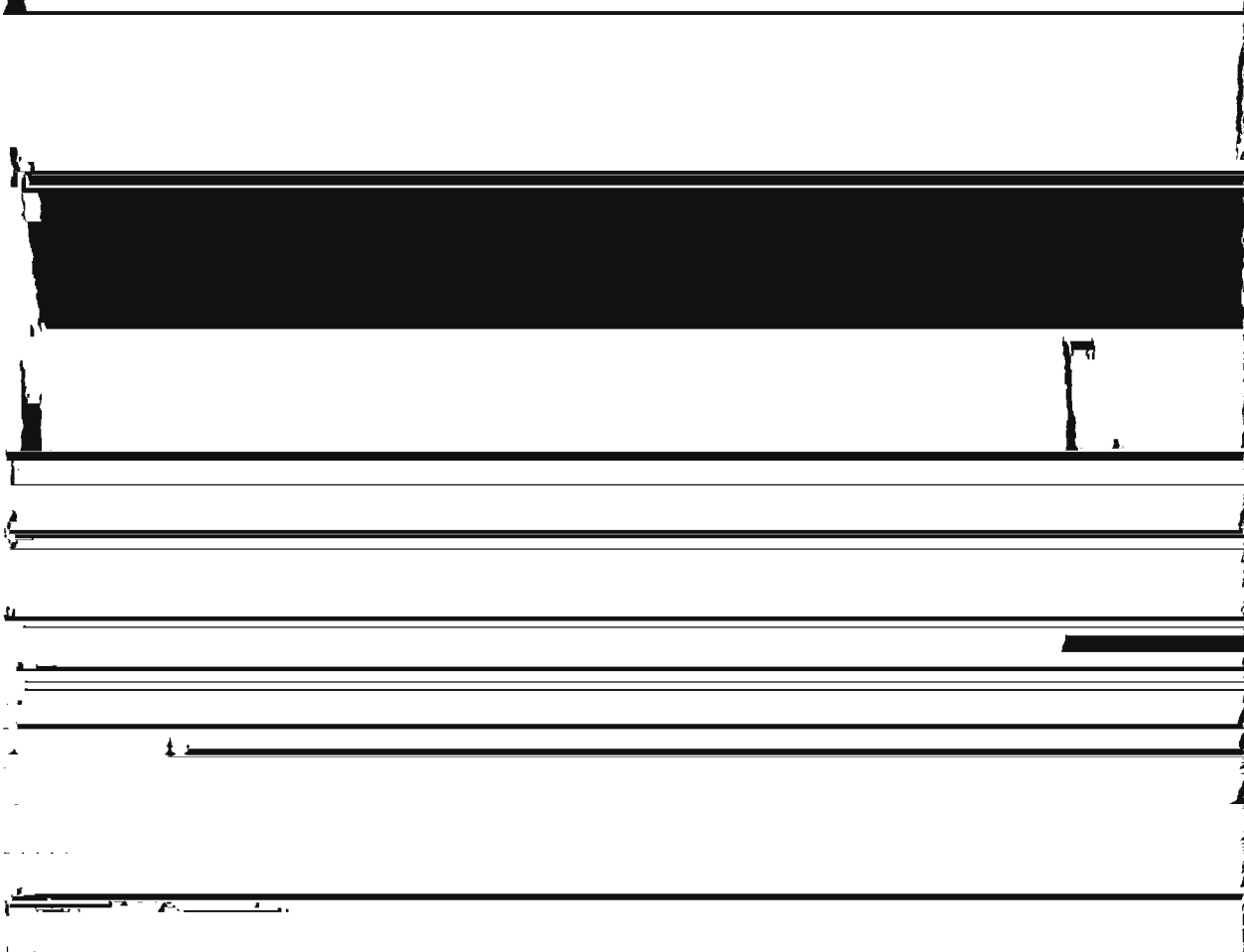
[REDACTED]

curriculum, graduates will have the ability to solve problems and design solutions that link engineering with physical and biological sciences, and pursue professional opportunities related to this ability. Thus, the River engineering program has three program educational objectives. Graduates of the WSU

2. Describe the quality of the program as assessed by the strengths, productivity, and qualifications of the faculty in terms of SCH, majors, graduates and scholarly productivity (refer to instructions in the WSU Program Review document for more information on completing this section). Complete a separate table for each program if appropriate.

Last 3 Years	UG Program - BS (No FTE/SCH assigned to program)		Instructional FTE (#):	Total	Total	Total
	Tenure/Tenure	Tenure/Tenure				
	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	19	N/A
	N/A	N/A	N/A	N/A	36	N/A
				N/A	N/A	N/A
				N/A	N/A	N/A
				N/A	N/A	N/A
	5	8	2		2	3
	4		3			720,000

peer-reviewed journal articles and conference papers and abstracts, as well as grant proposal submissions. Although there were no grant proposal submissions shown for Year 2, Dr. Mahapatra has



Learning Outcomes (most programs will have multiple outcomes)	Assessment Tool (e.g., portfolios, rubrics, exams)	Target/Criteria (desired program level achievement)	Results	Analysis
Please see the table below for Learning Outcomes for Bioengineering Program	Assessment tools will consist of certain exam and quiz questions, student surveys, rubrics for presentations, project reports and teamwork.	For each learning outcome, we have targeted a mean score of 70% on any evaluation method as the minimum level to indicate achievement of the learning outcome.	See below	See below
The Bioengineering program has learning outcomes for all Bioengineering courses that have been developed to date				
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scholarship, inductions into honor organizations, publications, special awards, academic scholarships

[REDACTED]

student recruitment and retention).

Over its brief history, the Department has begun with a high level

[REDACTED]

4. Analyze the student need and employer demand for the program. Complete for each program if appropriate.

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1 5 1 0 9 0

* Make no adjustments over a year in the WCLD or any other document from information available at:

<http://www.bls.gov/oco/>

** Go to the U.S. Bureau of Labor Statistics Website: and view job outlook data and salary information (if the Program has information available from professional associations or alumni surveys, enter that data)

the different concentrations. Additional faculty are also needed to reduce the advising load on the

[REDACTED]

[REDACTED]

[REDACTED]

College: Engineering

Department/Program (s): Bioengineering

Degree (s) Offered: BS

Triggers: Majors (14.33)

Brief Description of Each Degree:

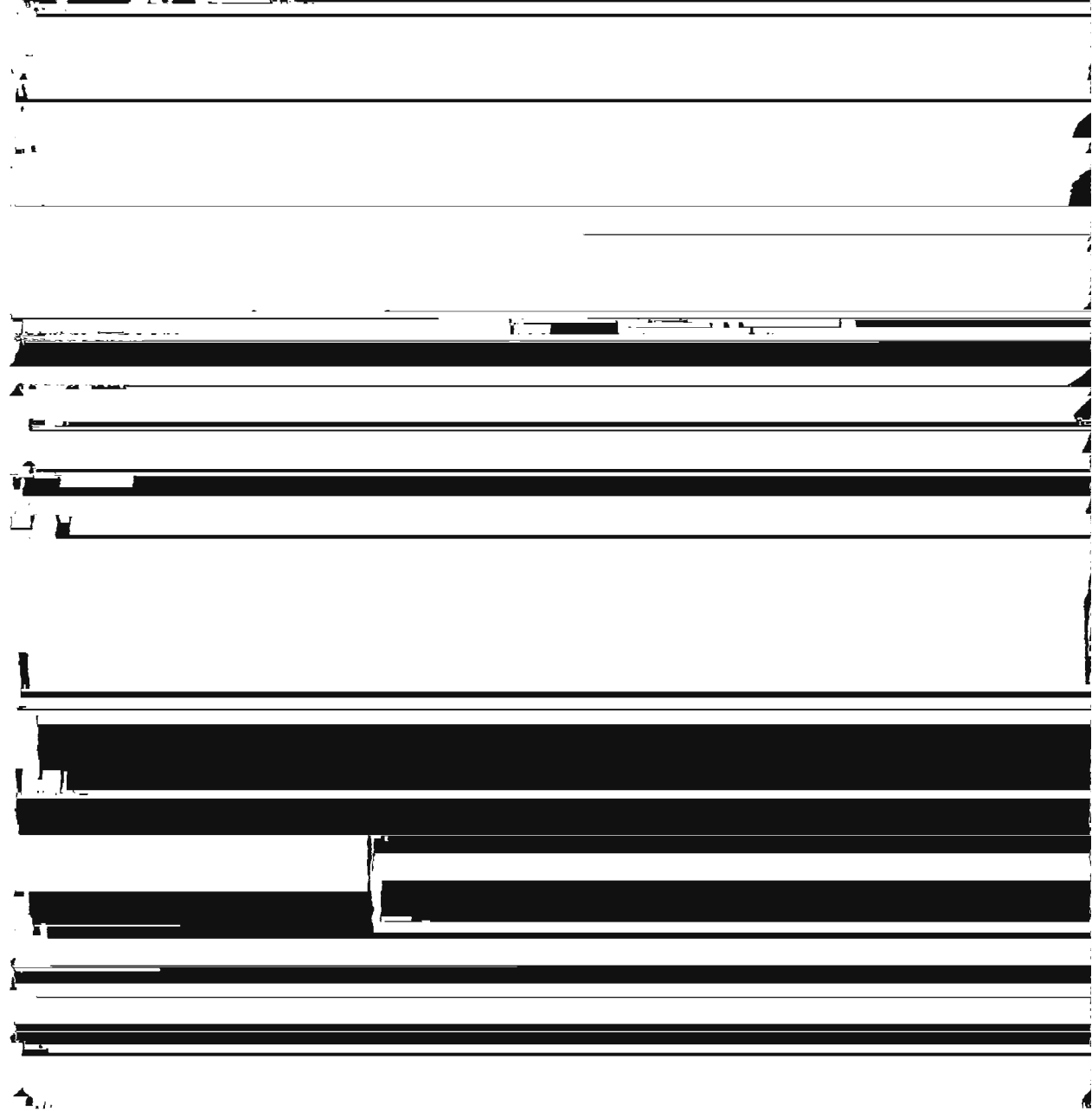
The Bioengineering program prepares graduates for graduate study or employment related to societal health needs requiring interdisciplinary solutions. Through integration of science and

both in the classroom as well as participation in research opportunities. The program's level

Faculty Resources:

The dean has allocated Bioengineering faculty research laboratory and teaching space.

~~Intenured faculty are mentored through the College of Engineering's Faculty Mentor Program~~



College: Engineering

Department/Program (s): Bioengineering

Degree (s) Offered: BS

Triggers: Majors (14.33) – New program

Brief Description of Each Degree:

The Bioengineering program prepares graduates for graduate study or employment related to

health needs requiring interdisciplinary solutions. Through integration of science and

[REDACTED]

[REDACTED]

[REDACTED]

engineering principles, students are prepared to understand and contribute to scholarship,

to the degree as well as participation in research opportunities. The program is based

[REDACTED]

[REDACTED]

[REDACTED]

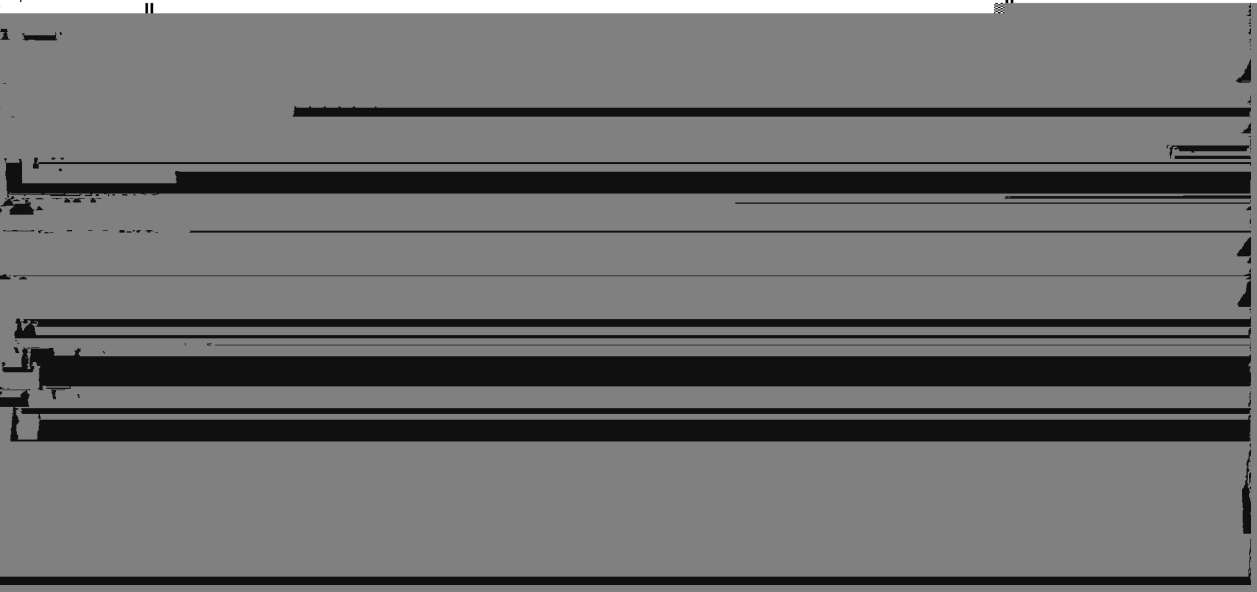
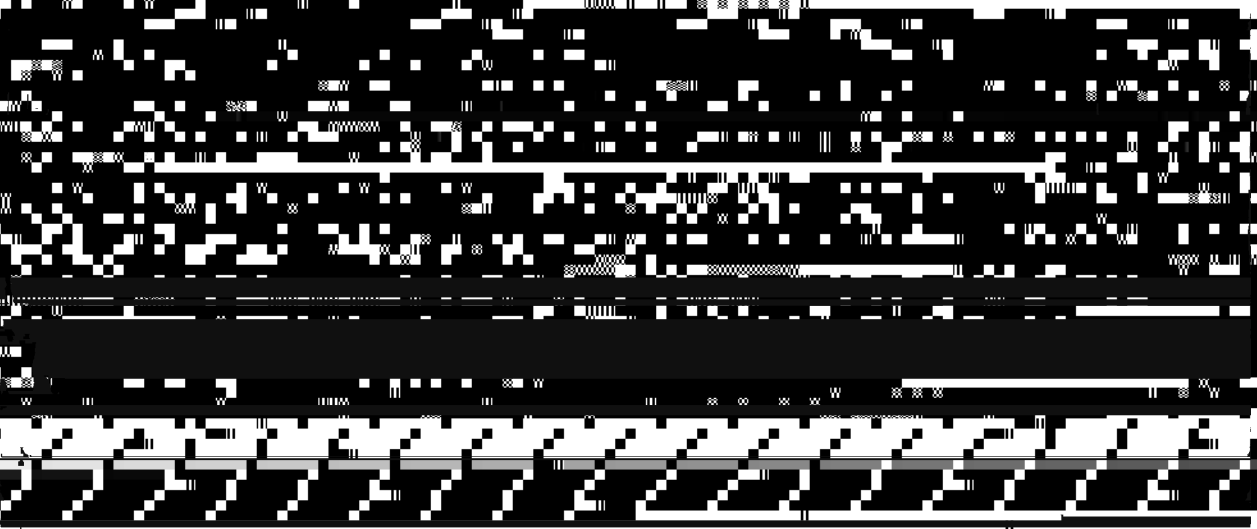
Faculty Resources:

The dean has allocated Bioengineering faculty research laboratory and teaching space.

Interested faculty are mentored through the College of Engineering's Faculty Mentor Program



Recommendati



- Targets: Expectations of students to achieve the desired outcome to demonstrate program effectiveness (e.g., 90% of students will demonstrate at least the benchmark performance on a project).

- Results: Actual achievement on each measurement (e.g., 94% of the

students achieved at least the benchmark performance on the project).

- Analysis: An evaluation that determines the extent to which learning outcomes are being achieved and leads to decisions and actions to improve the program. The analysis and evaluation should align with specific learning outcomes and consider whether the measurement and target remain valid indicators of the learner.

Prior to the next review in 2015: