

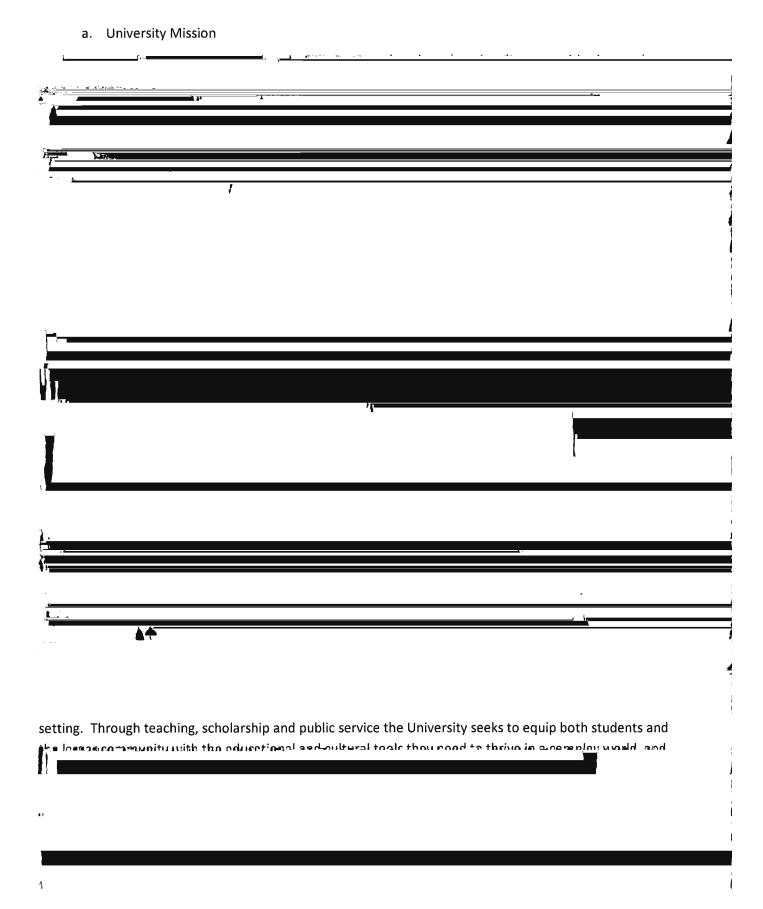
Program Review Self-Study Template

Academic unit: Bioengineering		
College: Engineering - Interdisciplinary		
Date of last review		
Date of last accreditation report (if rele		
<u>list all degrees described in this renort</u>	(add lines as necessary)	_
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Degree:	CIP code:	

*To look up, go to: Classification of Instructional Programs Website, http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55

Faculty of the academic unit (add lines as necessary)

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).

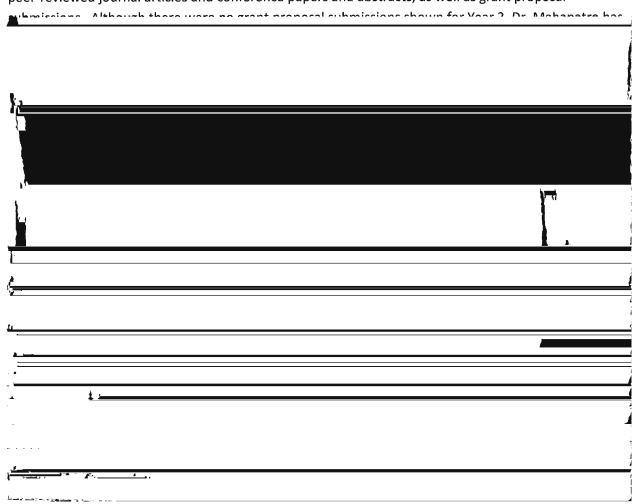


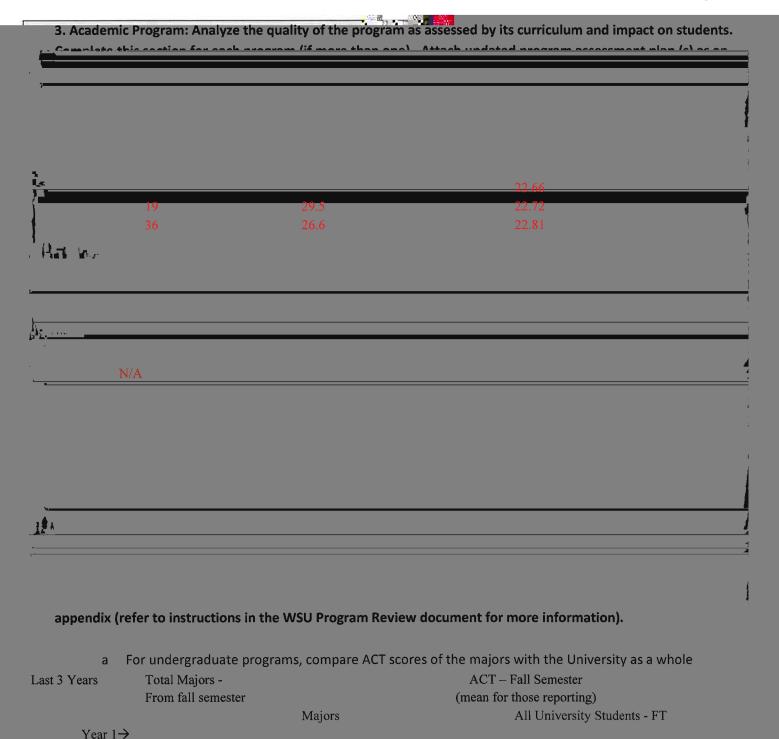
curriculum, graduates will have the ability to solve problems and design solutions that link engineering with physical and biological sciences, and pursue professional opportunities related to this ability. Thus,

the Riversing pressure has three program educational chiestines. Creductes of the WCII

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 sonarate table for each program if appropriate UG Program - BS (No FTE/SCH assigned to program) Instructional FTE (#): N/A Last 3 Years Tenure/Tenure Tenure/Tenure Total Total Total

peer-reviewed journal articles and conference papers and abstracts, as well as grant proposal





KBOR data minima for UG programs: ACT≤20 will trigger program

Year $2 \rightarrow$ Year $3 \rightarrow$

h For graduate programs compare graduate GPAs of the majors with University graduate GPAs *

Learning Outcomes (most programs will have multiple putcomes)	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
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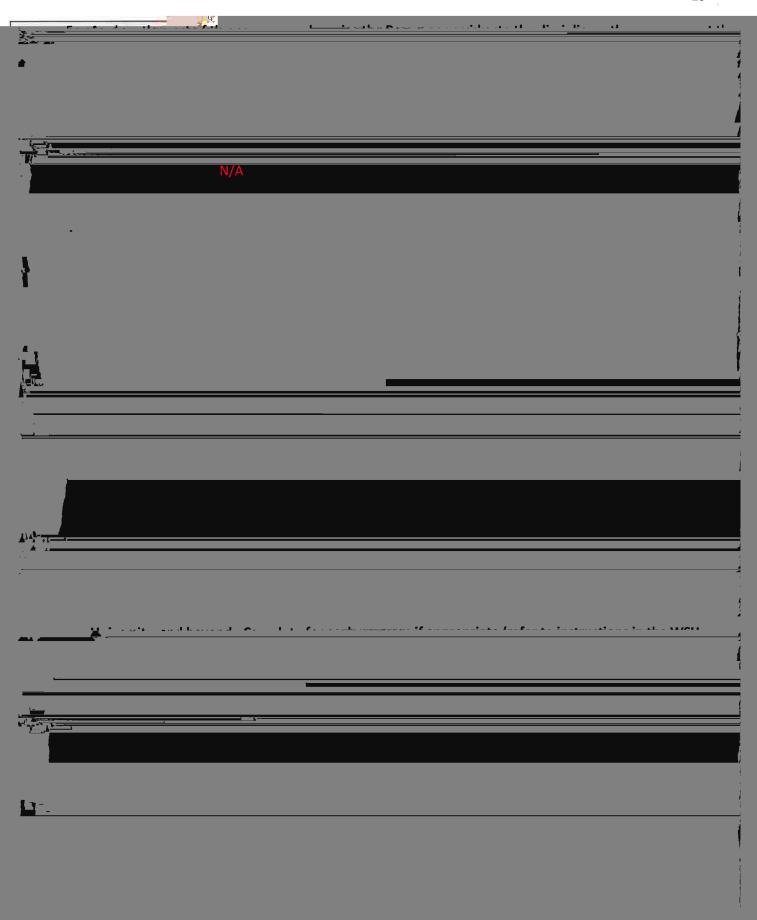
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** Go to the U.S. Bureau of Labor Statistics Website: and view job outlook data and salary information (if the Program has information available from professional associations or alumni surveys enter that data)
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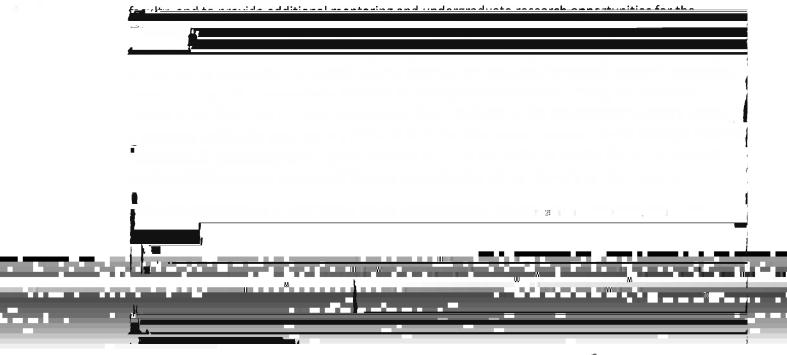
who obtained a job after graduation, graduates found employment in the bioengineering industry, hospitals, academia, consulting, and government. Of those who pursued further education, 50% pursued further education in an engineering discipline whereas 31% pursued further education in medicine. Once again, since the program has not realized graduates yet, average salary data are not available for the students from the Bioengineering program. However, recent data reported by the





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the different concentrations. Additional faculty are also needed to reduce the advising load on the $\frac{1}{2}$





College:

Engineering

Department/Program (s):

Bioengineering

Degree (s) Offered: BS

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Triggers:

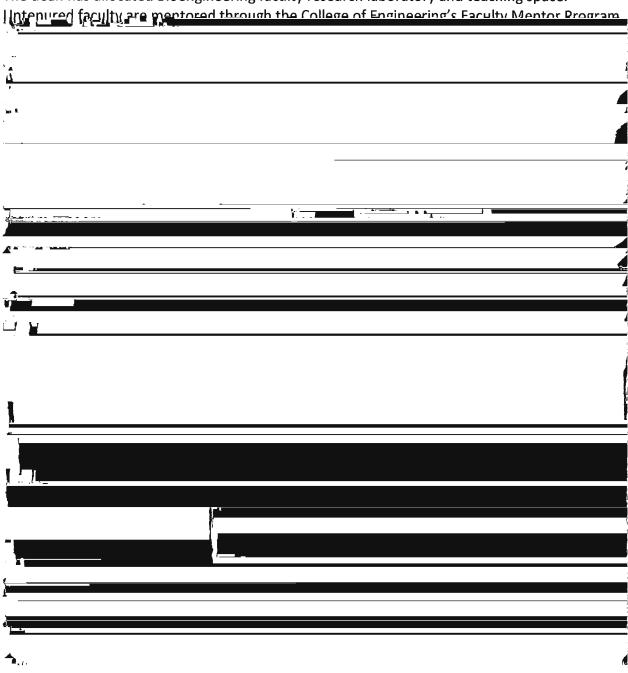
Majors (14.33)

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

Faculty Resources:

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



College:	Engineering	
Department/	Program (s): Bioengineering	
Degree (s) Of	fered: BS	
Triggers:	Majors (14.33) – New program	
The Ricengine	tion of Each Degree: eering program prepares graduates for graduate study or employments of the program integration of the program of the pro	ent related to
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engineering p	principles, students are prepared to understand and contribute to sc	holarship,
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Faculty Resources: The dean has allocated Bioengineering faculty research laboratory and teaching space. Unterwood focultivers mantered through the College of Engineering's Escultiv Monter Program Recommendati

O <u>Targets</u>: 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).

Q Results. Actual achievement on each measurement (p a 94% of the



O 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: