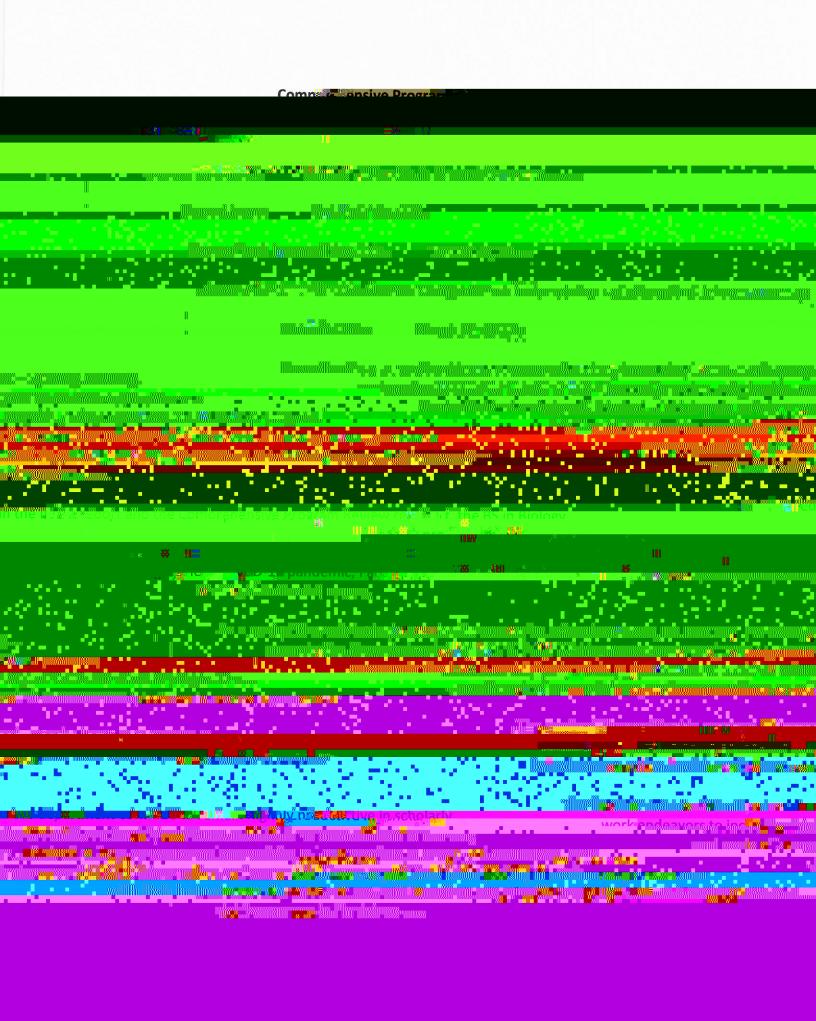
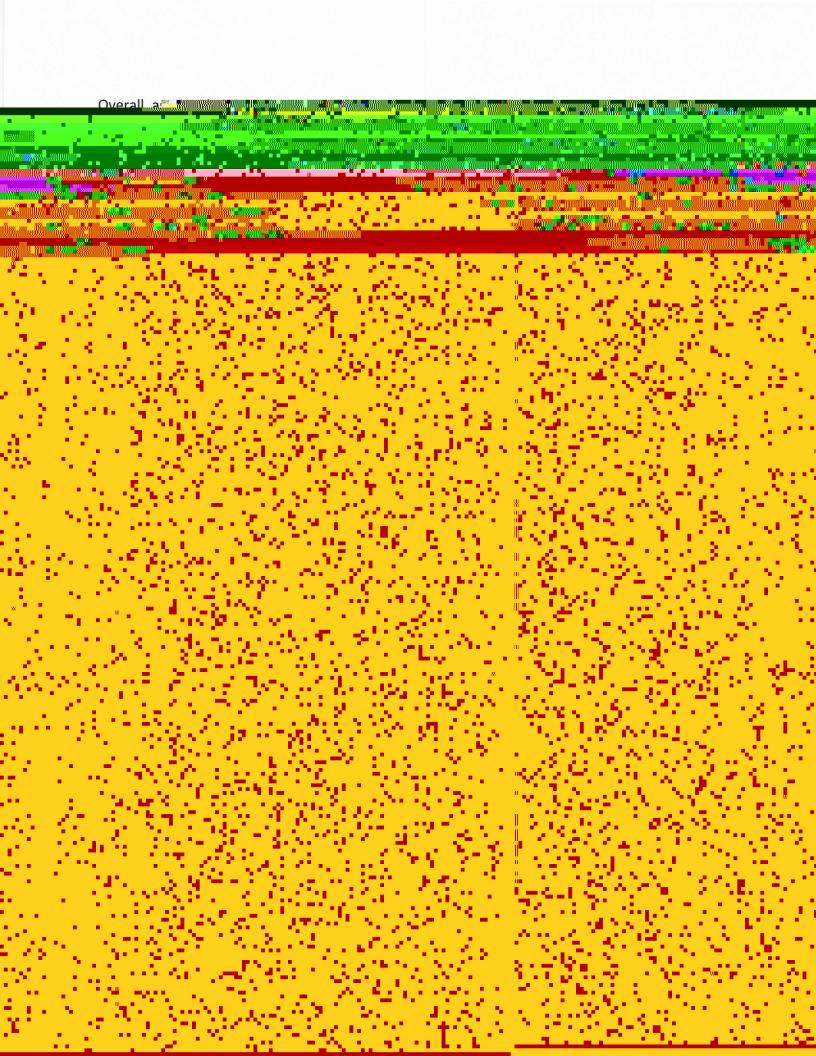
Provost's Comprehensive Program Review Report

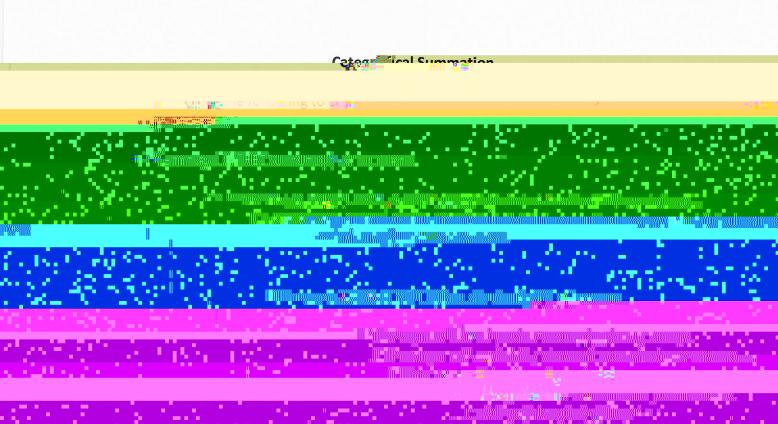
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	Date of Last Internal Reviews 6/13/2016
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	Outcome of Previous Program Review (brief narrative statement): It was recommended that
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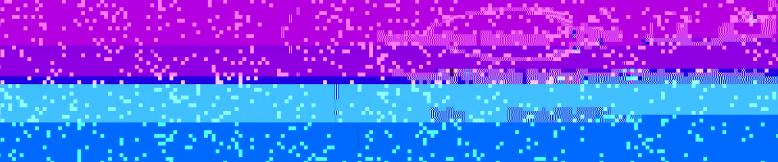
Categorical Summation

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	this program.	
	*Program MEETS Institution's Criteria	
	Program is critical to the institutional mission and will be retained	
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IERB's Comprehensive Program Review Rubric and Evaluation

Program Reviewed: BS Biology							
Contextual Note	es:						
					T		
Area of Focus	Exemplary Area	Satisfactory Area	Area of Concern	No Evidence	Notes		
Fnrollment	program						

IERB's Comprehensive Program Review Rubric and Evaluation

Program Strengths	of Note:		
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Areas of Serious Co	oncern:		
Other Comments:			

IERB's Comprehensive Program Review Rubric and Evaluation

Comprehensive Program Review

FY 2020 2021

Institution: Middle Georgia State University

Academic Program: BS Biology

College or Schooßchool of Health and Natural Sciences

FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5 YR Growth	FY16
						compared to
						FY20 only
27	12	33	24	34	5.93%	26%

Program Purpose & Mission

The Bachelor of Science degree in Biology prepares students for the array of opportunities in the field of biological science. This program offers an academically strong preparation of students planningo: (1) attend professional and graduate schools in biological and health science fields, (2) seek employment in industries using biologically related technology, or (3) teach biology in secondary schools. The department is committed to creating-cowedled, scientifically educated student that is capable of competing on the local as well as national level.

Alignment of program mission with department, school and institutional mission

The B.S. Biology program aligns well with the mission of the Department of Natural Sciences, which is, in part, to provide courses for science majors pursuing their degrees. The B.S. Biology program does provide students interested in pursuing health scienced professional degrees (e.g., medical, dental, pharmacyc.) with a robust undergraduate biology degree that allows them to be successful in their professional programs. This aligns well with the school of Health & Natural Sciences mission. It should be noted that the biology degree also supports students interested in disciplines beyond health sciences and students have gone on to rigorous graduate/professional programs in Ecology, Veterinary Sciences, Biology and Wildlife & Fisheries. The department also has numerous students who enter directly into the workfor Biology majors have gotten jobs related to water and wastewater management, in scientific laboratories and also teaching science in local schools (e.g., Stratford, Bibb county, Jasper County H.S., etc.) all of which align quite well with the institual mission of creating lifelong learners whose scholarship and careers enhance the region.

Program age, tracks, concentrations, etc.

The B.S. Biology program has been offered on the Macon campus since the Fall of 2006. The Cochran campus program was first offered in Fall 2012. There are currently two tracks, the Biology track and the Biology Education track. The Biology Education was housed in the School of Education from Fall 2016 was moved back to the Dept of Natural Sciences starting Fall 2020.

lower level courses required by nearcience majors. This has been compounded by an increased need for more lower level courses in support of Health Sciences students' degree plans. It is recommended that the Cochran campus be responsible only for the first two years of the B.S. Biology degree. This recommendation is the same as it was in 2016. Removing the B. S. Biology program fronthe Cochran campus would solve two problems: 1) faculty with courses that are underenrolled can be used to offer high enrollment lower level courses that are in demand (e.g., BIOL 1001/1002, CHEM 1151/1152, etc.); and 2) reduced lab space on the Cochrancampus can be devoted to nearcience major courses.

From fall 2016 until fa 1 (s)2-2 (a)14Td [(F0 (e)3.ol)5 oursnc (t)-4 ((o)-2 (nH)8 (o)-2 N)]TJ(t a)4 osll9 (e)4 (tude)3 (nr)4 (()-4 (')((e)3 (hoi1))3 (u)6 (rs)E7daei(4 (i)4 (e)13 u)614 (t(nc)8 d i)14 (c)8 .1 (n10n(

labs. The Chreistry faculty compared performance of students on a lab report between one section that had CURE labs associated with them versus one section with no CURE labs. Their results indicated that students in the CURE labs were better able to relate specific water chemistry tests to tropical fish health. All but one of the faculty who offered CURE's last year, are offering them again this year. They intend to refine some of the CURE work they did last year by either narrowing the scope of the labs (Genetics) yords having to move a number of labs online due to Covid9 (Chemistry).

Plans for Action

The Department will continue to promote the B.S. Biology program to the best of its ability. This includes participating in campus recruitment events, engaging students with social media and keeping the website up to date. The department would appreciate institutional promotion of the biology degree as a professional degree that can lead to job opportunities at the B.S. level as well as the potential to pursue pelsaccalaureate programs. In the upcoming year, departmental faculty have been invited to participate in the Southeastern Regional PULSE (SERP) Institute to improve undergraduate life sciences for all students in our region. The objective of the SERP Instite is to inspire and support departments in improving factors known to optimize student success and faculty efficacy.

Departmental biology faculty are interested in developing a distinct B.A. Biology degree to distinguish students who take nexcience tectives in the upper level curriculum from students who take all science courses. This distinction has a precedent at other USG institutions (ref websites) and is relevant to students applying to plost calculate science programs. There is also considerable interest in developing an M.S. in Biology degree.

Program Demand

It is likely that demand for the B.S. Biology degree will remain high in the upcoming years. Students with science degrees can work in multiple sectors including scientific research, industrial and education. Employment outcomes for B.S. Biology degree holders are promising. Median annual earnings of Biology degree holders are at the national average and unemployment rate is lower than the national average (https://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2020)1.44The biology program also prepares students well for rigorous pelsaccalaureate programs as evidenced by their admissions into graduate programschmedical, dental and veterinary schools.

Literature Cited

. National Center for Education Statistics. May 2020.

https://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2020.1Accessed 2 February 2021.