Program Review Report
Southwestern Oklahoma State University

A thorough internal or external program review addressing all criteria in policy should be possible within a comprehensive report of ten or fewer pages. This template is provided to assist institutions in compiling the program review information, **which is to be presented to the institutional governing board prior to submission to the State Regents.** Please keep the number of pages to 10 or fewer.

Institution Name: Southwestern Oklahoma State University

Program Name and State Regents Code: BS Mathematics 031

List Program Options:
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List Embedded Certificates included in this review:
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Previous Review

Date (Year) of Last Review 2019

Current Review

Date (Year) of Current Review October 23, 2024

Review Criteria *(Institutions should address each criterion of OSRHE policy 3.7.5 as directed below).*

A. Vitality of the Program:

    A.1. Minimum Productivity Indicators:

Time Frame (last five years)	Enrollment	Graduates
Enrollment Fall 2024	916	3
Enrollment Fall 2023	887	5
Enrollment Fall 2022	876	3
Enrollment Fall 2021	830	4

Enrollment Fall 2020	907	1
Five-Year Total	4416	16
Five-Year Average	883	3.2

A.2.   Other Quantitative Measures:

   a.4.a.   Number and enrollment of courses taught exclusively for the major for each of the last five years:
   List or attach list of courses

COURSE NAME	COURSE TITLE	GEN-ED?	YEAR 1 (2019SU -2020SP)	YEAR 2 (2020SU -2021SP)	YEAR 3 (2021SU -2022SP)	YEAR 4 (2022SU -2023SP)	YEAR 5 (2023SU -2024SP)
MATH-0162	COLLEGE ALG SUPPORT		80	54	47	31	35
MATH-0174	Prep for College Math		82	72	60	68	54
MATH-0182	MATH CONCEPTS SUPPORT		128	76	54	59	63
MATH-0192	Math Applications Supp		23	3	17	22	9
MATH-1143	MATH CONCEPTS	GENED	290	310	320	353	320
MATH-1153	Math Applications	GENED	62	47	62	56	53
MATH-1433	Struc Conc in Arith		11	45	35	33	24
MATH-1443	Struc Conc in Math		38	30	24	9	20
MATH-1513	COLLEGE ALGEBRA	GENED	413	393	328	412	456
MATH-1613	COLLEGE TRIGONOMETRY		75	77	50	59	43
MATH-1834	Calculus I		27	22	19	16	18
MATH-2133	Geometry for Elem Teachers		12	14	9	6	8
MATH-2823	Applied Calculus		113	78	53	62	67
MATH-2834	Calculus II		18	16	21	6	8
MATH-3113	Foundations in Math		4	4	2	6	3
MATH-3433	Statistics I		19	12	12	4	7
MATH-3533	Tech/Prog Mathematics		6	6	4	5	5
MATH-3653	Linear Algebra		9	4	5	11	2
MATH-3713	College Geometry		2	2	3	3	3
MATH-3834	Calculus III		15	15	15	15	5
MATH-4101	Math Capstone Course		2	2	1	3	3
MATH-4213	Differ Equations I		6	8	5	6	4
MATH-4653	Modern Algebra		7	4	4	5	6

Code	Course					
MATH-4853	Advanced Calculus	7	4	4	1	3
MATH-1503	Algebra for Elem Tchrs	20	4		19	44
MATH-3413	Statistical Methods I	20	16	8	9	
MATH-5013	Sem: Matrix Groups	1		8	2	2
MATH-5533	Tech & Programming in Math	1	1	1		1
MATH-5673	Elementary Number Theory		3		2	1
MATH-3453	Mathematical Stats			2		4
MATH-3473	Intro to Probability		5		2	
MATH-4153	History of Mathematics	5		5		
MATH-4933	Tchng Secondary Math	3			5	
MATH-5632	Abstract Alg Sec Sch	1			3	
MATH-5453	Mathematical Statistics			2		1
MATH-5473	Intro to Probability		3		1	
MATH-5153	History of Mathematics	2		2		
MATH-5001	INDIV STUDY IN MATH	1			1	
MATH-0124	Basic Algebra	6	5	8	6	6
MATH-4002	Topology of Manifolds	1				
MATH-4003	Adv Linear Algebra	1				
MATH-5003	Advanced Calculus	1				
MATH-5812	Real Numbers	1				
MATH-4011	Sem in Mathematics		1			
MATH-4013	Sem: Matrix Groups			1		
MATH-4001	Functional Analysis				1	
MATH-4873	Complex Variables				2	

a.4.b. Student credit hours by course level (i.e. 1000, 2000) generated in all major courses in the degree program for five years:

Level	0000 Level	1000 Level	2000 Level	3000 Level	4000 Level	5000 Level	TOTAL
YEAR 1 (2019SU-2020SP)	814	2835	447	240	91	20	4,447
YEAR 2 (2020SU-2021SP)	574	2806	340	207	51	21	3,999
YEAR 3 (2021SU-2022SP)	508	2533	270	168	58	39	3,576
YEAR 4 (2022SU-2023SP)	520	2887	228	180	61	22	3,898
YEAR 5 (2023SU-2024SP)	454	2952	257	92	42	15	3,812
FIVE-YEAR TOTAL	2,870	14,013	1,542	887	303	117	19,732

GENED

YEAR	1000 LEVEL
YEAR 1 (2019SU-2020SP)	2,295
YEAR 2 (2020SU-2021SP)	2,250

3

YEAR 3 (2021SU-2022SP)	2,130
YEAR 4 (2022SU-2023SP)	2,463
YEAR 5 (2023SU-2024SP)	2,487

Recommendation(s)

    A.   Recommendation for the Program (3.7.7.A.4):

        ☒ Maintain the program at the current level.

        ☐ Continue the program with modifications as noted below and detailed in the comment section below.

            ☐   Expand the program

            ☐   Reduce program in size or scope

            ☐   Merge or consolidate program

            ☐   Reorganize program/curricular modifications*

        ☐ Suspend program to allow an opportunity to consider recommendations detailed in the section below*

        ☐ Delete program*

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