



WILLIAM & MARY

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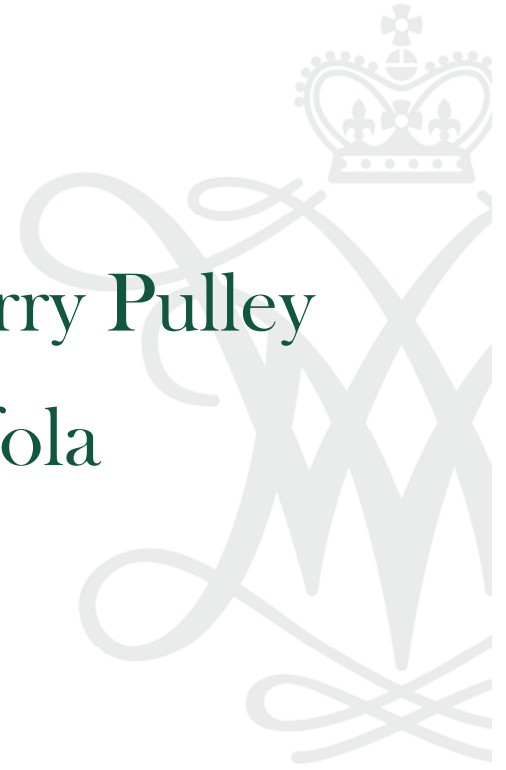
ACADEMIC AFFAIRS

BOV Meeting

September 2021

OUTLINE

- Academic Updates
- Sustainable Curriculum – Dean Larry Pulley
- W&M's GeoLab – Prof. Dan Runfola



NEW MEMBERS

- Dr. Derek Aday, Dean and Director, VIMS
- Dr. Steve Hanson, Vice Provost for Academic & International Affairs
 - New focus of vacated position – Associate Provost for Faculty Affairs and Faculty Development

COVID UPDATE

	On-Campus	Remote	Notes
A&S	98.34%	1.66%	(A&S remote are UG courses)
MSOB	99.34%	0.66%	(MSOB remote is a single grad course)
SOE	87.67%	12.33%	(SOE remote are all grad-level)
LAW	76.30%	23.70%	
SMS	99.02%	0.98%	

No administrative withdrawal of students
after the September 17th 2nd vaccination deadline

Thanks to:
University Registrar, Student Affairs, DOSO, IT, and
the Healthy Together team



PROVOST'S INITIATIVES

New Website

Action Areas



SUSTAINABLE CURRICULUM: PRELIMINARY CONVERGENCE AREAS



STRENGTHENING OF EXISTING PROGRAMS

- VIMS/A&S: develop professional MA degree and enhance Marine Science minor
- Law: enhance core legal education with mentoring, writing training, professional development other foundational skills by faculty
- Business: conduct revisions of existing programs



EXPAND ONLINE/HYBRID MODALITIES

- Education: build on recent success with online education to pursue opportunities for new programs
- Business: launch new online programs and gather information to inform possible future offerings
- Law: plan future offerings consistent with ABA regulations regarding remote instruction

COLLABORATE TO REFINE SUSTAINABLE CURRICULUM DISCUSSION

- **Business:** “Wheel” and modeling could help other Schools determine efficacy of potential new programs
- **Education:** “Lead with Values” model engaging faculty in articulating values-driven work could serve other Schools in community-building or mapping more sustained process
- **Law:** Areas under consideration for growth map onto W&M priorities (e.g. military and government compliance, cyber-security, environmental governance, social governance)
- **VIMS:** Vision for greater integration with undergraduate programs and professional schools could be advanced through VIMS Day
- **A&S:** Engage all Schools in ongoing Data Science discussion

EXAMPLES OF SUSTAINABLE CURRICULUM ANALYSIS





PROGRAM REVIEW

Program Name	2019 Enrollment	Enrollment change on previous year	Yielded Admissions 2020	Yielded Admissions change on previous year	2020 Graduates	2020 Graduates Change on previous Year	Faculty - Tenured ¹	Faculty – Non-Tenured	Average Class Size Fall 2020 ²	% Adjunct Teaching Fall 2020 ³	Advising Load ⁴
Curriculum & Instruction	108	-11.4%	74 ⁵	+1%	101	+26%	19	1	12.1	38%	7.2
Educational Planning Policy & Leadership	236	+1.3%	83	+13%	68	+28%	9	1	9.8	48%	16.1
School Psychology & Counselor Education	172	+34.4%	184 ⁶	+36%	47	-2.1%	12	5	11.2	35%	19.6

¹ Faculty only counted in one department.

² Includes students in all classes except Dissertation and Independent Study. Because classes are shared between individual programs, data not included at program level.

³ Includes students in all classes except Dissertation and Independent Study. Percentage is calculated by number of class sections taught by adjuncts divided by total class sections for that

⁴ Active graduate students and advisors as of 11/11/2020 taken from Banner system. Includes students who have been admitted, but not yet matriculated. Ratio is students per individual advisor. Because faculty teach across programs, this data is not presented at the program level.

⁵ Includes undergraduate.

⁶ Includes MED and EDS School Psychology Students.

CURRICULUM & INSTRUCTION

Program Name	2019 enrollment	Enrollment change on previous year	Yielded Admissions 2020	Yielded Admission Change on Previous Year	2020 Graduates ⁷	2020 Graduates Change on previous Year	Graduation Rate ⁸
C&I - Elementary Education	19	+58%	18	-10%	19	0%	90%
C&I - Secondary Ed (English)	11	-15%	6	+45%	9	-25%	82%
C&I - Secondary Ed (Math)	2	0	7	+250%	3	+200%	100%
C&I - Secondary Ed (Science)	6	-25%	9	+50%	5	-37.5%	83%
C&I - Secondary Ed (Soc Stu)	8	-38%	14	+75%	7	-30%	88%
C&I - Special Ed	10	+66%	4	-50%	8	+100%	91%
C&I - ESL & Bilingual Education	7	+250%	9	+28%	6	500%	86%

⁷ Totals will not match data by department, as discontinued programs are not included.

⁸ Graduation Data Taken from 2019 Graduates

MSOB: ONLINE MS IN BUSINESS ANALYTICS

Total Credit Hours		40																			
# of Courses		12																			
Maximum Section Size		28																			
Time to Complete	4 Semesters																				
			PROGRAM: Online Master of Science in Business Analytics																		
			YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5						
			Fall 2018	Spr 2019	Sum 2019	Fall 2019	Spr 2020	Sum 2020	Fall 2020	Spr 2021	Sum 2021	Fall 2021	Spr 2022	Sum 2022	Fall 2022	Spr 2023	Sum 2023				
	Assumptions	Semester 0	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3				
# of Student in PreReq			14	17	12	20	18	24	24	17	18	25	25	18	25	25	18				
# of New Students		0	0	11	18	10	22	16	20	25	15	16	23	23	16	23	23				
# of Continuing Students		0	0	0	11	26	34	38	40	58	59	58	51	49	56	56	56				
Total # of Students		0	0	11	29	36	56	74	60	83	74	74	74	72	72	79	79				
# of OCBA Students		0	0	0	0	0	2	2	16	8	10	10	10	10	10	10	10				
# of Credit Hours PreReq		0	84	102	72	120	108	144	144	102	108	150	150	108	150	150	108				
# of Credit Hours Program		0	0	88	232	288	448	432	480	664	592	592	592	576	576	632	632				
# of Credit Hours OCBA							16	8	128	32	80	40	80	40	80	40	80				
Rate Per PreReq Credit Hour			800	800	800	800	800	800	800	800	800	800	800	800	800	800	800				
Rate Per Credit Hour		0	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300				
Partner Revenue Share Percentage			52.5%	52.5%	52.5%	52.5%	52.5%	52.5%	51.8%	51.8%	51.8%	51.5%	51.5%	51.5%	51.2%	51.2%	51.2%				
	Assumptions	Semester 0	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3				
Gross Revenue		\$ -	\$ 67,200	\$ 196,000	\$ 359,200	\$ 470,400	\$ 681,600	\$ 687,200	\$ 841,600	\$ 986,400	\$ 920,000	\$ 941,600	\$ 953,600	\$ 887,200	\$ 932,800	\$ 993,600	\$ 972,000				
Revenue Share Partner		\$ -	\$ 35,280	\$ 102,900	\$ 188,580	\$ 246,960	\$ 357,840	\$ 360,780	\$ 435,949	\$ 510,955	\$ 476,560	\$ 484,924	\$ 491,104	\$ 456,908	\$ 477,594	\$ 508,723	\$ 497,664				
University Share (on net after partner)	10%	\$ -	\$ 3,192	\$ 9,310	\$ 17,062	\$ 22,344	\$ 32,376	\$ 32,642	\$ 40,565	\$ 47,544	\$ 44,344	\$ 45,668	\$ 46,250	\$ 43,029	\$ 45,521	\$ 48,488	\$ 47,434				
Financial Aid	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Net Revenue		\$ -	\$ 28,728	\$ 83,790	\$ 153,558	\$ 201,096	\$ 291,384	\$ 293,778	\$ 365,086	\$ 427,900	\$ 399,096	\$ 411,008	\$ 416,246	\$ 387,263	\$ 409,686	\$ 436,389	\$ 426,902				
Expenses	Assumptions	Semester 0	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3				
Total # of Sections		-	2	4	5	7	7	8	10	11	11	11	11	11	11	11	11				
Avg. Master Teacher Rate PCH	13,250.00	-	2	4	5	7	7	8	8	8	8	8	8	8	8	8	8				
Section Leaders Rate PCH	\$ 1,750	-	-	-	-	-	-	-	2	3	3	3	3	3	3	3	3				
Master Teacher Compensation	Calculated	\$ -	\$ 106,000	\$ 212,000	\$ 265,000	\$ 371,000	\$ 371,000	\$ 424,000	\$ 424,000	\$ 424,000	\$ 424,000	\$ 424,000	\$ 424,000	\$ 424,000	\$ 424,000	\$ 424,000	\$ 424,000				
Section Leaders Compensation	Calculated	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000				
Course Development PCH	\$ 5,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Course Relief PCH	\$ 5,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Course Redevelopment PCH	\$ 2,500		Courses are typically redeveloped in the 3rd year									\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -				
Other Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Total Expenses		#REF!	\$ 106,000	\$ 212,000	\$ 265,000	\$ 371,000	\$ 371,000	\$ 424,000	\$ 438,000	\$ 445,000	\$ 445,000	\$ 495,000	\$ 495,000	\$ 445,000	\$ 445,000	\$ 445,000	\$ 445,000				



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QUESTIONS?



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GEOLAB @ W&M

Student Powered, Data Driven





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ADDITIONAL INFORMATION

SUSTAINABLE CURRICULUM: HIGH LEVEL OUTCOMES

- Data gathering creates a baseline for each School that will inform decision-making
- Faculty participation augments School-wide understanding of multiple factors at play in determining curricular decisions
- Deans develop comprehensive understanding of their respective School's curriculum, SWOs and finances
- Shared goals, opportunities and challenges are identified

NEXT PHASE

- Extend each Dean's comprehensive understanding of respective School to all Deans and Cabinet members
- Use data and findings to support Strategic Planning process
- Build on these discoveries to enhance W&M curricular offerings
- Integrate sustainable curriculum findings into decision-making by Provost with respect to
 - new program areas, and
 - allocation of positions, space, and other resources





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ADDITIONAL INFORMATION

SUSTAINABLE CURRICULUM: OBJECTIVES

- Ensure each School's curriculum
 - meets needs of current students
 - anticipates needs of future students
 - advances W&M mission, vision and values
- Provide mechanism for identifying potential new opportunities and programs in each School
- Surface potential synergies and areas for collaboration across Schools
- Position academic enterprise to respond effectively in current and future fiscal environment
- Lay groundwork for Strategic Planning and data-informed decision-making



METHODOLOGY

- Initiative led by Provost's Office and guided by Vice Provost for Academic & Faculty Affairs (VPAFA)
- VPAFA met with each Dean to discuss School-specific approaches and initial concerns
- Each Dean engaged faculty in the process, and adapted framework to dovetail with planning underway
- Provost and VPAFA met with each Dean to review the state of the process and submitted reports, as well as identify synergies

FACTORS ADDRESSED BY SCHOOLS

- Curriculum vision and strategy over the next 3-5 years
- Instructional needs by T-TE, NTE, and adjunct faculty to best deliver the sustainable curriculum
- Areas of strength
- Areas of concern
- Opportunities and potential for new programs
 - to address demonstrated demand, and
 - to expand cross-department and cross-school offerings and collaboration in alignment with strategic priorities
- Action plan
 - to address areas of strength, concern, and opportunity, and
 - to align resources with demands and/or generate new resources





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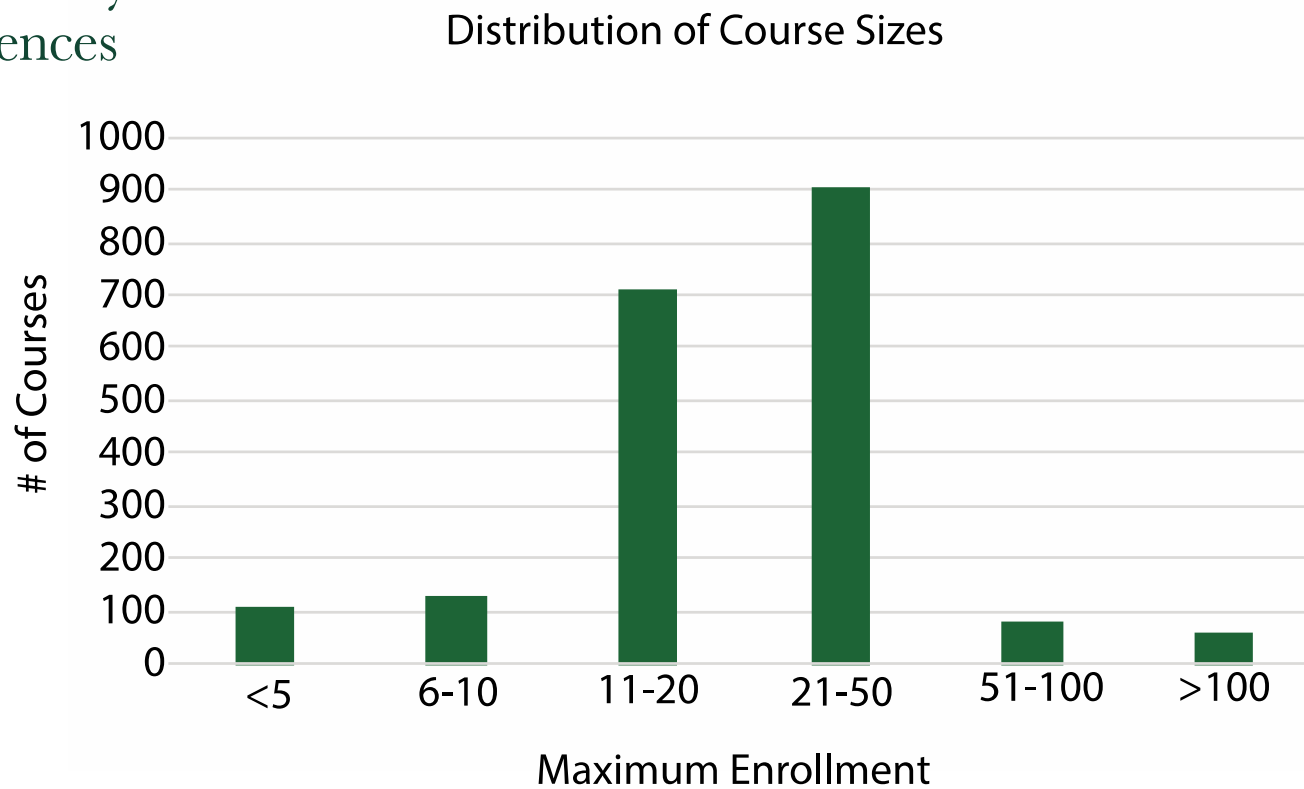
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Faculty By Status





William & Mary Arts & Sciences





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Arts & Sciences

