



WILLIAM & MARY

CHARTERED 1693

SUSTAINABLE CURRICULUM

BOV Retreat Summer 2021

PRESENTATION OUTLINE

- The case for a sustainable curriculum
- Objectives and methodology
- Outcomes
- Next steps



Top 20 Intended Majors						
	Admitted		Enrolled		Admitted but Not-Enrolled	
Rank	Fall 2011	Fall 2020	Fall 2011	Fall 2020	Fall 2011	Fall 2020
1	Biology	Biology	Biology	Biology	Biology	Biology
2	International Studies	Pre-Medicine	International Studies	Psychological Sciences	International Studies	Pre-Medicine
3	Business Administration	International Relations	History	Pre-Medicine	Business Administration	International Relations
4	Economics	Economics	Business Administration	International Relations	Economics	Economics
5	History	Computer Science	Psychological Sciences	History	Psychological Sciences	Computer Science
6	Psychological Sciences	Psychological Sciences	English	Pre-Law	History	Psychological Sciences
7	English	Pre-Law	Economics	Government	Mathematics	Pre-Law
8	Government	History	Government	Economics	English	History
9	Mathematics	Government	Mathematics	Computer Science	Government	Neuroscience
10	Chemistry	Public Policy	Biological Sciences	Environmental Sciences	Chemistry	Government
11	Biological Sciences	Neuroscience	Chemistry	English	Biological Sciences	Public Policy
12	Modern Languages	Environmental Sciences	Modern Languages	Public Policy	Biochemistry	Finance
13	Biochemistry	Finance	Education	Finance	Modern Languages	Biochemistry
14	Physics	Mathematics	Kinesiology & Health Sci	Neuroscience	Physics	Mathematics
15	Environmental Sciences	Biochemistry	Environmental Sciences	Mathematics	Public Policy	Environmental Sciences
16	Public Policy	Chemistry	Biochemistry	Biochemistry	Environmental Sciences	Chemistry
17	Music	English	Anthropology	Chemistry	Music	Management & Org Leadership
18	Education	Management & Org Leadership	Physics	Management & Org Leadership	Philosophy	Eng, Physics & Applied Design
19	Anthropology	Eng, Physics & Applied Design	Public Policy	Sociology	Computer Science	English
20	Kinesiology & Health Science	Sociology	Music	Marketing	Education	Physics

Majors no longer ranked in Top 20 in Fall 2020

Majors newly ranked in Top 20 in Fall 2020

	Admitted	
Rank	Fall 2011	Fall 2020
1	Biology	Biology
2	International Studies	Pre-Medicine
3	Business Administration	International Relations
4	Economics	Economics
5	History	Computer Science
6	Psychological Sciences	Psychological Sciences
7	English	Pre-Law
8	Government	
9	Mathematics	
10	Chemistry	
11	Biological Sciences	
12	Modern Languages	
13	Biochemistry	
14	Physics	
15	Environmental Science	
16	Public Policy	
17	Music	English
18	Education	
19	Anthropology	
20	Kinesiology & Health Sciences	

SCH/faculty: 2011-12: 180
 2020-21: 256
 Change: + 42%

			SCH offered for service		SCH offered to major		Total SCH	Total SCH 10-year Chg %	Major Headcount*	Major HC 10-year Chg %
Division	Department	Academic Year		%		%				
Natural Science	Computer Science	2011-2012	2,274	74.5%	779	25.5%	3,053		86	
		2020-2021	3,349	56.8%	2,550	43.2%	5,899	93.2%	276	220.9%

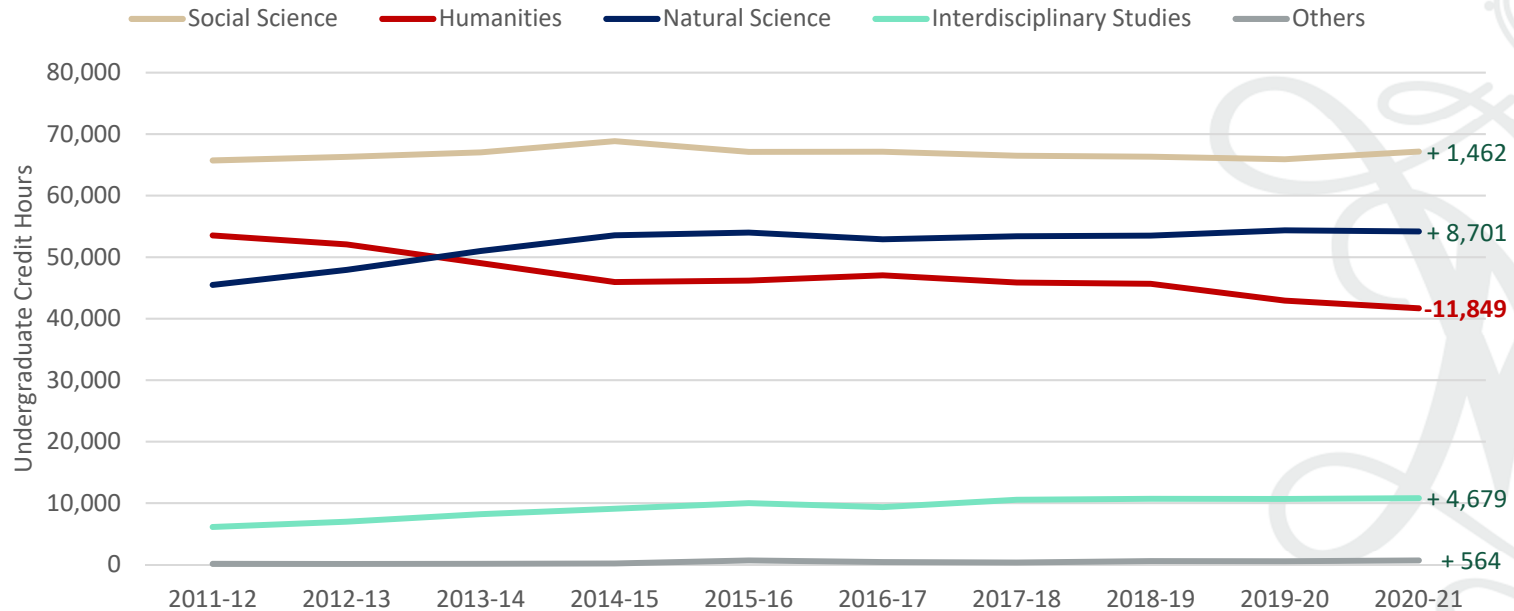
Majors no longer ranked in Top 20 in

Majors newly ranked in Top 20 in

	Fall 2011 (as of Nov. 1, 2011)						Fall 2020 (as of Nov. 1, 2020)				
	Full-time					Part-time	Full-time				Part-time
	Tenure					Total	Tenure				Total
	Tenured	Eligible	Ineligible	Total	Total		Tenured	Eligible	Ineligible	Total	
Arts & Sciences	268	91	94	453	108		306	80	101	487	72
Computer Science	9	4	4	17			10	9	4	23	2
1-Professor	4			4			7			7	
2-Associate Professor	5		1	6			3			3	
3-Assistant Professor		4		4				9		9	
5-Lecturer			3	3					4	4	

OVERALL DIVISION TRENDS

10-Year Trend in Undergraduate Credit Hours by Division



Humanities: Classical Studies, English, Philosophy, Religious Studies, Anthropology, Art & Art History, Music, Modern Languages/Literatures, Theatre, Speech & Dance
Natural Sciences: Computer Science, Biology, Marine Science, Mathematics, Applied Science,

DIVISION TRENDS IN MAJORS

			SCH offered for service		SCH offered to major		Total SCH	Total SCH 10-year Chg %	Major Headcount*	Major HC 10-year Chg %
Humanities										
Subtotal		2011-2012	43,117	80.5%	10,415	19.5%	53,532		1,055	
		2020-2021	34,917	83.8%	6,766	16.2%	41,683	-22.1%	662	-37.3%
			SCH offered for service		SCH offered to major		Total SCH	Total SCH 10-year Chg %	Major Headcount*	Major HC 10-year Chg %
Natural Sciences										
Subtotal		2011-2012	34,811	76.5%	10,668	23.5%	45,479		1,055	
		2020-2021	38,212	70.5%	15,968	29.5%	54,180	19.1%	1,545	46.4%
			SCH offered for service		SCH offered to major		Total SCH	Total SCH 10-year Chg %	Major Headcount*	Major HC 10-year Chg %
Social Sciences										
Subtotal		2011-2012	39,589	60.2%	26,129	39.8%	65,718		2,862	
		2020-2021	41,123	61.2%	26,057	38.8%	67,180	2.2%	2,833	-1.0%

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



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 STEPS

- 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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QUESTIONS?