

Resolution 2021-22M
Resolution to Approve New Major, Cybersecurity Management and Analytics,
in Bachelor of Science in Business in Business Information Technology

Recommended for approval by the Commission on Undergraduate Studies and Policies:

First Reading:

Faculty Senate:

AP Faculty Senate:

Staff Senate:

Graduate and Professional Student Senate:

Undergraduate Student Senate:

Second Reading:

Approved by University Council:

Approved by the President:

First Effective Date to Declare Major: Summer 2022

First Effective Date to Graduate: Winter 2023

WHEREAS, the current Cybersecurity Management and Analytics (CMA) option was approved within the Business Information Technology (BIT) major for the Bachelor of Science in Business degree in 2019 for the graduating class of 2021; and

WHEREAS, in 2021, 50 students graduated within this option, and by fall 2022, 371 BIT students had chosen CMA as their option; and

WHEREAS, a Major in Cybersecurity Management and Analytics (CMA) will be more readily promoted to potential employers and make it easier for students to market themselves; and

WHEREAS, the Major in CMA will advance knowledge and education to develop the next generation of cybersecurity experts that will help companies take data-driven steps to defend their assets against internal and external threat actors, discover and remediate vulnerabilities, and manage their cybersecurity enterprises; and

WHEREAS, Cybersecurity Management and Analytics represents a unique academic and interdisciplinary field that will educate the next generation of business students with a hands-on experience and conceptual knowledge on data-driven cybersecurity management practices, including identifying, protecting, detecting, responding, and recovering from security incidents; and

WHEREAS, the Department of Business Information Technology supports the mission of continued emphasis on cybersecurity management and analytics by educating the next generation of cybersecurity experts; and

WHEREAS, the new curriculum will allow students to fundamentally understand the principles, techniques, methods, and tools of cybersecurity management and analytics, and apply them to

assist companies in identifying, protecting, detecting, responding, and recovering from security incidents; and

WHEREAS, the Major in CMA is designed for students who wish to pursue a career in cybersecurity; and

WHEREAS, students in the Major in CMA will gain a comprehensive and interdisciplinary education of applied analytics and cybersecurity management.

THEREFORE, BE IT RESOLVED that the Major in Cybersecurity Management and Analytics under the Bachelor of Science in Business in Business Information Technology within the Pamplin College of Business be approved effective Summer 2022 and the proposal forwarded through University governance to the President for approval.