WHEREAS, creating the categories of “Foundational” and “Advanced/Applied” for Pathways to General Education Concept 5 – Quantitative and Computational Thinking allows for increased rigor in general education requirements and there is value in students having at least one unit of Advanced/Applied Concept 5; and

WHEREAS, currently students must fulfill Pathways to General Education Concept 5 – Quantitative and Computational Thinking requirements by completing two Foundational and one Advanced/Applied courses; and

WHEREAS, many degree programs require extensive coursework in the area of Quantitative and Computational Thinking, allowing students to fulfill Pathways to General Education Concept 5 with one Foundational and two Advanced/Applied courses that would facilitate progress toward degree for many students and create opportunities for expanding coursework accepted for this Pathways to General Education Concept; and

WHEREAS, modifying the Pathways to General Education Concept 5 – Quantitative and Computational Thinking requirement to add the option for one Foundational and two Advanced/Applied courses would increase the rigor of some students’ Pathways to General Education courses; and

WHEREAS, the university is expecting to increase transfer enrollment in the next 4 years, this modification would create increased flexibility for transfer students and students entering Virginia Tech with dual enrollment credits; and

WHEREAS, the proposed modification would increase opportunities for flexibility and rigor within degree programs;
THEREFORE, BE IT RESOLVED, that completing:

Two courses for Concept 5 – Quantitative and Computational Thinking, Foundational, and
One course for Concept 5 – Quantitative and Computational Thinking, Advanced/Applied
(Current requirement)

is equivalent to completing

Two courses for Concept 5 – Quantitative and Computational Thinking, Advanced/Applied, and
One course for Concept 5 – Quantitative and Computational Thinking, Foundational
(Modified requirement); and

THEREFORE, BE IT FURTHER RESOLVED, that the following language will be added to the 2022-
2023 Undergraduate Course Catalog and Academic Policies, Pathways to General Education, Core
Concept 5 – Quantitative and Computational Thinking requirements:

“Credit Hours: 9 credits – 6 Foundational + 3 Advanced/Applied, or 3 Foundational + 6
Advanced/Applied”

And that the Office of the University Registrar in coordination with the Office of General Education will
develop a plan to communicate this modification to Pathways to General Education, Core Concept 5 –
Quantitative and Computational Thinking, requirement to the university community.
Resolution CUSP 2021-22F

The Faculty Senate will waive our right to comment on CUSP 2021-22F: Resolution to Modify the Pathways to General Education Concept 5 – Quantitative and Computational Thinking Requirements.

Respectfully,

Dr. Robert Weiss
Faculty Senate President

Professor of Natural Hazards
Center for Coastal Studies (Coastal@VT), Director
DRRMVT, Director
Department of Geosciences
February, 24, 2022

To: Vice President of Policy and Governance

From: A/P Faculty Senate Policies and Issues Committee

The A/P Faculty Senate has reviewed and waives comment on the Commission on Undergraduate Studies and Policies (CUSP) Resolution 2021-22F to Modify the Pathways to General Education Concept 5.

We have no further comment.
February 17, 2022

To: Vice President of Policy and Governance

The Staff Senate Committee on Policy and Issues has reviewed and approves CUSP Resolution 2021-22F. We have no further comment.

Thank you,
Amber Robinson, Chair Staff Senate Policies and Issues Committee
Hi Becki,

The GPSS has completed review of the resolution on 2/17/2022 and voted as a body to waive our right to comment. Thanks for sending it to us and we appreciate the opportunity to weigh in, looks good!

Best,

Jack

On 1/26/2022 11:30 AM, ACADGOV wrote:

Good morning Robert, Serena, Holli, Jack and Miles:

The Commission on Undergraduate Studies and Policies has completed the first reading on Resolution CUSP 2021-22F which is now ready for review and comments from the Faculty Senate, Staff Senate, AP Faculty Senate, Graduate and Professional Student Senate, and the Undergraduate Student Senate. I’ve attached the Resolution for your review.

Please provide comments or let me know if your constituent group wishes to waive the right to comment by February 24, 2022.

Regards,

Becki

Becki & Rachel

Academic Governance
Office of the University Registrar
https://registrar.vt.edu/governance.html
540-231-1179 / acadgov@vt.edu

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Jack R Leff (He/Him)
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