RESOLUTION TO APPROVE NEW UNDERGRADUATE DEGREE
WITH TWO DESIGNATIONS:
BACHELOR OF ARTS IN EDUCATION (B.A.Ed.) IN SECONDARY EDUCATION AND BACHELOR OF SCIENCE IN EDUCATION (BS.Ed.) IN SECONDARY EDUCATION

WHEREAS, Virginia's pre-school through 12th grade (PK-12) schools began the 2016-2017 school year with more than 1000 teacher vacancies; and

WHEREAS, there is a documented shortage of qualified PK-12 teachers nationally and within the Commonwealth of Virginia; and

WHEREAS, Governor McAuliffe signed an executive order in December 2017 directing the state's education board to adopt emergency rules to again allow colleges to offer four-year undergraduate degrees in teaching; and

WHEREAS, according to the *2020-2021 Ten Critical Shortage Teaching Endorsement Areas in Virginia* provided by the Commonwealth, the following endorsement areas are included: Mathematics #4, Career and Technical #5, English #8, and History and Social Sciences #10; and

WHEREAS, the School of Education (SOE) in the College of Liberal Arts and Human Sciences (CLAHS) is committed to providing coursework and experiential learning fitting the VT-shaped curriculum to produce licensable graduates with the knowledge, skills, and dispositions of highly qualified PK-12 educators thereby addressing the noted state teacher vacancies; and

WHEREAS, no new resources will be required to initiate the new bachelor's degree due to redeveloping existing educator preparation courses and utilizing current undergraduate initiatives to the maximum extent possible; and

WHEREAS, the new degree will include two designations: 1) the Bachelor of Arts in Education (B.A.Ed.) in secondary education with endorsement areas in English language arts education, and history and social sciences education, and 2) the Bachelor of Science in Education (B.S. Ed.) in secondary education with endorsement areas in mathematics education and career and technical education areas of agricultural education, business and information technology education, family and consumer sciences education, and marketing education; and

WHEREAS, letters of support have been received from all departments whose courses SOE students would take; and

WHEREAS, the Bachelor of Arts in Education in secondary education and the Bachelor of Science in Education in secondary education with a variety of majors and a requirement that students pass required state licensure exams would be an identifiable curriculum that clearly signal the expertise and career focus of educator preparation; and

WHEREAS, the new degree program with the designations of B.A.Ed. and B.S.Ed. are anticipated to initially attract 30-40 additional students per year interested in pursuing careers in 6th-12th grade teaching to Virginia Tech;

NOW, THEREFORE, BE IT RESOLVED, that the new degree with two designations: Bachelor of Arts in Education in secondary education and Bachelor of Science in Education in secondary education be approved effective fall 2021 and that the proposal be forwarded to the State Council of Higher Education for Virginia (SCHEV) for approval and to the Southern Association of Colleges and Schools (SACS) for notification.

RECOMMENDATION:

That the Board of Visitors approve this resolution to establish this new undergraduate degree.

March 22, 2021

Office of Academic Programs
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Wallace Hall, Room 404
Blacksburg, Virginia 24061
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Proposal for New Degrees in Education

Justification:

Teacher Shortage

There is a current documented shortage of qualified PK-12 teachers both nationally and within the Commonwealth of Virginia. According to data from the Virginia Department of Education, the number of unfilled teaching positions in the state nearly doubled between the 2013-2014 and 2017-2018 school years causing Virginia schools to begin the 2016-2017 school year with more than 1000 teacher vacancies.   In response, former Gov. Terry McAuliffe signed an executive order in December of 2017 directing the state education board to adopt emergency rules to allow colleges to again offer four-year undergraduate degrees in teaching. In 2018 the General Assembly introduced and passed, among additional changes to the teaching licensure process, legislation permitting colleges and universities to create these programs. Students can now become fully-licensed teachers after earning a four-year undergraduate degree in education.

By October of 2019, the State Council of Higher Education for Virginia approved new programs at fifteen public colleges and universities in the state. Our community partners, including Montgomery County Public Schools, have also indicated a local need for more properly licensed and qualified teachers, while undergraduate admissions recruiters have reported that high-school students are often confused about how to become a PK-12 teacher at Virginia Tech. As other colleges and universities in Virginia begin offering undergraduate licensure, Virginia Tech School of Education will need to offer comparable opportunities in order maintain current enrollment and attract new students.

Critical Shortage Areas

While there are teacher vacancies of all types across the state, there are specific licensure areas that have especially prevalent shortages. The Virginia Department of Education discloses annually, a list of ten *Critical Teaching Shortage Areas* to the General Assembly based on vacancies and/or a documented lack of qualified applicants for positions. Elementary Education has been near the top of this list since the 2010-2011 school year. Secondary Math and Career and Technical Education have also been in the top half for the same period. Secondary English Language Arts has been included each year and History & Social Sciences has ranked recently, as well.

Because preparation is a key factor influencing teacher recruitment and retention, Virginia Tech School of Education has an opportunity to produce capable educators and

reduce some of these shortages. Offering licensure through undergraduate majors will streamline requirements and lower the overall cost of entering the profession, while still preparing highly qualified teachers for the Commonwealth of Virginia.

Job Market Information

According to the Virginia Employment Commission, both Elementary and Secondary School Teacher are considered high-growth occupations for individuals holding bachelor's degrees. The number of Elementary School Teacher positions are expected to increase by almost 4000 while Secondary positions close to 3000. The Bureau of Labor Statistics projects a national growth of 3% for Kindergarten and Elementary School Teachers and 4% for High School Teachers over the next 10 years.

Strategic Plan:

Since fall 2018, faculty and staff in the School of Education have met with (and continue to meet with) representatives from the Virginia Department of Education and State Council of Higher Education for Virginia to determine how new regulations will affect our programs. We have also consulted with teacher preparation programs at other colleges and universities regarding their plans for transitioning to undergraduate programs.

The School of Education faculty and staff met as a group in spring 2019 to plan how our new programs would operate and collaborated with impacted departments to determine how we could build programs that would provide appropriate knowledge, skills, and dispositions for future educators while preserving the key student-centered elements of an undergraduate program. Our Science and Music Education programs will remain at the graduate level while Elementary, English Language Arts, History and Social Sciences, Mathematics, and Career and Technical Education programs will transition to undergraduate licensure.

We continue to work with appropriate departments on campus as well as our SCHEV representative and the VDOE to create high-quality undergraduate teacher preparation programs. We have met with the First Year Experience office to plan for students who will have different developmental needs than those we currently serve in our graduate programs and will continue to build relationships with high-school and community college teacher education programs that support students before they enter formal approved licensure programs.

The proposed degrees and majors will be housed in the School of Education within the College of Liberal Arts and Human Sciences. We are proposing two degrees, B.S.Ed. in Elementary Education and B.A.Ed./B.S.Ed. in Secondary Education, based on available CIP codes, the differences in core competencies for licensure established by the Virginia Department of Education, and professional educator standards recognized by the Virginia Tech School of Education.

B.S.Ed. in Elementary Education will contain the Elementary Education PK-6 major with licensure. The content covered in this major is intentionally planned to cover specific

material and practical aspects of teaching young children without much room for deviation. The Elementary Education major includes an emphasis on STEM as well as literacy.

The B.A.Ed./B.S.Ed. in Secondary Education will contain majors where licensure involves students in 6th-12th grade. While the foundational education courses are the same for all majors in Secondary Education, the specific coursework of each licensure area is unique requiring multiple majors. Both B.A.Ed. and B.S.Ed. are included as options within Secondary Education because the individual teaching areas have different professional expectations which are reflected in the required courses.

The graduation checksheets for English Language Arts and History and Social Sciences include a broader array of courses within the subject area allowing students to customize their education based on individual interests. Administrators hiring teachers in these licensure areas expect students to earn a B.A.Ed. and possess individualized specialties. Mathematics and Career and Technical Education requirements, on the other hand, are very scripted to cover the specific fundamental standards of the content area. Administrators hiring in these areas would expect all licensed teachers be proficient in the same content and possess a B.S.Ed. in Secondary Education.

The first students will be able to enroll fall of 2021 and those who are able to transfer into the major could possibly graduate in spring 2023, provided they have taken the appropriate courses. During the transition, any student who would not be able to transfer into and complete the undergraduate degree in 4 years would be allowed to continue through the 5th-year master's program as it is currently established. A transition is expected by spring 2024. Subsequently, a revised master's program will be developed for licensed, practicing teachers to further their professional competences.

Students Served:

Our new education majors will serve the same audience as the graduate licensure programs with the primary purpose being to reduce the financial barrier of a 5th year of college while still producing teachers who are strong in pedagogy and content knowledge.

Between 2014 and 2019, an average of 231 incoming freshmen indicated an interest in teaching on their Virginia Tech admission applications. In 2019, of those freshmen, 35 declared *Pre-Education and Human Sciences, Undecided* as their first-choice major. While *PreEd Undecided* is not a degree-granting major, most of these students will progress to our licensure programs by way of related undergraduate degrees.

The Pre-Education Advising Program (PEAP) currently serves between 300 and 400 students, in multiple majors. PEAP is a part of the School of Education and supports undergraduate students from all majors in moving toward the goal of becoming

competitive applicants and highly qualified educators. Participating students benefit from; advising sessions on specific requirements for state endorsements and graduate school admissions, field experiences in local schools, teacher assessment preparation, professional development workshops, and leadership opportunities in pre-professional student organizations. Not all students who participate will apply to our graduate program.

There are several reasons that pre-education students choose to not continue with graduate school, including: cost, desire to move closer to home, difficulty with prerequisites, the classroom was not what they expected, and alternate licensure opportunities. Each year, graduate licensure programs in the VT School of Education produce 100-150 licensed PK-12 educators. Over the past 5 years, Elementary Education has averaged 25 students per year, while Math. English, Social Studies and CTE (combined into the category of Secondary Education) have averaged around 30.

In the short-term, we anticipate the number of incoming freshmen to mirror what currently applies to the graduate program 25-35 students per degree (not per major). We expect that number to double within the first two years and cap at 75-100 incoming freshmen. Of those, we anticipate 85-90% will complete the degree. We expect to maintain 250-350 undergraduate students in each degree program (elementary and secondary).

For students who do not complete the teacher licensure requirements but still earn the education degree, there are related career opportunities in the field, such as: teaching in private schools or online programs, hospitals providing educational services for long-term school-aged patients, professional tutoring, designing curriculum for textbook companies, developing exams for testing agencies, or working in educational outreach programs for museums/parks or agencies providing professional development to PK-12 teachers. Students who qualify may also apply to one of our graduate programs.

Benefits to Students

Undergraduate education degrees allow a route to licensure without the added expense and time of graduate school. Having clearly visible education majors will allow high-school students, who are specifically interested in teaching, to imagine themselves at Virginia Tech. High-school and community college students who are participating in future educator programs will be able to readily transition into our undergraduate majors instead of going through other programs to be eligible for graduate study. Undergraduate programs also allow more graduates to obtain a full teaching license upon completion of their bachelor's program.

Undergraduate programs create more opportunities for students to learn their content within the context of teaching it, creating stronger connections between pedagogy and content knowledge. The increased length of time prospective teacher candidates will spend in the program will allow us to properly scaffold their learning and provide valuable feedback throughout the degree. It will also provide students opportunities to

meaningfully reflect on their coursework and teaching experiences as they develop essential educator dispositions.

Finally, offering formal education majors will encourage a sense of belongingness and professional identity among future educators. Sense of belonging and its impact on student success has been well documented in higher education research. A college students' sense of belonging is related to several things, including engagement and retention, motivation, and academic performance. Equally important to education students, is the development of a professional teacher identity. This identity promotes effectiveness and well-being and is developed, in-part, through interactions with peers during shared pre-professional experiences.

Benefits to Community

Maintaining the quality of our program while reducing financial barriers and expediting the licensure process advances the teaching profession, as well. Under certain circumstances, an individual with a bachelor's degree can obtain provisional licensure and teach in PK-12 settings without any formal training in the classroom.   Research shows that alternatively licensed teachers, such as these, leave the profession at a much high rate than those who have finished an approved educator preparation program and we know that teacher turnover leads to significant recruitment and training costs for school systems while negatively impacting student achievement and overall teacher effectiveness. Providing teaching candidates with proper preparation and earlier and more frequent opportunities in classrooms will reduce this type of teacher attrition.

Resources Needed:

The graduation checksheets for education majors are comprised mostly of redesigned courses within the existing master's program including previously required content courses. A few new courses were developed to offer additional scaffolding opportunities (such as field study and first year experience) and foundational material. By redeveloping existing courses and utilizing current undergraduate initiatives to the maximum extent possible, no new resources will be required to implement this new major at this time.

Program Requirements:

In addition to the enclosed graduation checksheet, students who are planning to become licensed will need to meet requirements set forth by the Virginia Department of Education including professional licensure examinations and certifications.

College of Liberal Arts and Human Sciences
School of Education
Bachelor of Arts in Education in Secondary Education
Major in English Language Arts Education
For students entering under UG Catalog 2021-2022

Attachment I

GRADUATION REQUIREMENTS

Language Study Requirement - Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

Credits and GPA – Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI and EDEP courses)

Prerequisites - Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

Additional Requirements – Students must submit passing scores on required state licensure examinations.

SATISFACTORY PROGRESS TOWARD DEGREE

University Policy 91[1] requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

PATHWAYS TO GENERAL EDUCATION (45 CREDITS)

unless otherwise indicated, all courses taken to satisfy Pathways General Education must be taken on an A-F basis

Concept 1: Discourse (9 credits)
1f - Foundational

_____ ENGL 1105 First-Year Writing (3 credits)

_____ ENGL 1106 First-Year Writing (3 credits)

1a - Advanced/Applied

_____ ENGL 3134 (WGS 3134) Gender and Linguistics (Pre: 1106 or 1204H or COMM 1016) (3 credits)

Concept 2: Critical Thinking in the Humanities (6 credits)

_____ ENGL 4164 Studies in Shakespeare (Pre: 1106 or 1204H or COMM 1016)(3 credits)

_____ (3 credits)

Concept 3: Reasoning in the Social Sciences (6 credits)

_____ ENGL 3144 (RLCL 3144) (SOC 3144) Language and Ethnicity in the United States (Pre: 1106 or 1204H or COMM 1016) (3 credits)

_____ (3 credits)

Concept 4: Reasoning in the Natural Sciences (6 credits)

_____ (3 credits)

_____ (3 credits)

Concept 5: Quantitative and Computational Thinking (9 credits)
5f - Foundational

_____ (3 credits)

_____ (3 credits)

5a - Advanced/Applied

_____ (3 credits)

Concept 6: Critique and Practice in Design and the Arts (6 credits)
6d - Design

_____ (3 credits)

6a - Arts

_____ ENGL 2744 Introduction to Creative Writing (Pre: 1106 or 1204H or COMM 1016) (3 credits)

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[1] https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf

Concept 7: Critical Analysis of Identity and Equity in the United States (3 credits)

    ____ (3 credits)

BACHELOR OF ARTS IN EDUCATION IN SECONDARY EDUCATION COMMON DEGREE CORE REQUIREMENTS[2] (21 CREDITS)

  ____ EDCI 2574 Social Foundations of Education (3 credits)
  ____ EDCI 4554 Educating Exceptional Learners (Pre: Junior Standing) (3 credits)
  ____ EDCI 4724 Secondary School Teaching Methods I (Pre: Junior Standing) (3 credits)
  ____ EDCI 4734 Adolescent Literacy and Reading (3 credits)
  ____ EDCI 4744 Secondary School Teaching Methods II (Pre: 4724) (3 credits)
  ____ EDEP 2374 Educational Psychology for PK-12 Teachers (Pre: Sophomore Standing) (3 credits)
  ____ EDEP 3474 Principles and Practices in PK-12 Assessment (3 credits)

MAJOR IN ENGLISH LANGUAGE ARTS EDUCATION REQUIREMENTS (45 CREDITS)

  ____ ENGL 2534 American Literary History (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ____ ENGL 2544 British Literary History (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ____ ENGL 3324 Acts of Interpretation (Pre: 2604) (3 credits)

World Literature (3 credits)

  ____ choose one (1) from list below
  ENGL 3514 Ethnic Literature for Children (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 3694 Topics in World Novels (Pre: 1106 or 1204H or COMM 1016) (3 credits)

History of the English Language (3 credits)

  ____ ENGL 4054 History of the English Language (3 credits)

Writing (6 credits)

  ____ ENGL 2604 Introduction to Critical Reading (Pre: 1105 or COMM 1015) (3 credits) *and*
  ____ Choose one (1) from list below
  ENGL 3315 Playwriting (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 3704 Creative Writing: Fiction (Pre: 2744) (3 credits)
  ENGL 3714 Creative Writing: Poetry (Pre: 2744) (3 credits)
  ENGL 3724 Creative Writing: Creative Non-Fiction (Pre: 2744) (3 credits)
  ENGL 3764 Technical Writing (Pre: Junior Standing, 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 3804 Technical Editing and Style (Pre: 1106 or 1204 or 1204H or COMM 1016) (3 credits)

Underrepresented Authors (6 credits)

  ____ Choose two (2) from list below
  ENGL 2644 (AFST 2644) Introduction to African-American Literature (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 2808 (AINS 2804) Contemporary Native American Literature (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 3364 Topics in Literature by Women (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 3514 Ethnic Literature for Children (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 3624 Appalachian Literature (Pre: 1106 or 1204H or COMM 1016) (3 credits)
  ENGL 3654 Ethnic American Literature (Pre: 1106 or 1204H or COMM 1016) (3 credits)

Secondary Teaching Practicum (18 credits)

  ____ ENGL 3734 Community Writing (Pre: 2744) (3 credits)
  ____ EDCI 3964 Field Work/Practicum (6 credits)
  ____ EDCI 4964 Field Work/Practicum (9 credits)

FREE ELECTIVE COURSES (9 CREDITS)

TOTAL CREDITS 120

[2] unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

College of Liberal Arts and Human Sciences
School of Education
Bachelor of Arts in Education in Secondary Education
Major in History and Social Sciences Education
For students entering under UG Catalog 2021-2022

GRADUATION REQUIREMENTS

Language Study Requirement - Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

Credits and GPA – Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI and EDEP courses)

Prerequisites - Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

Additional Requirements – Students must submit passing scores on required state licensure examinations.

SATISFACTORY PROGRESS TOWARD DEGREE

University Policy 91[1] requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

PATHWAYS TO GENERAL EDUCATION (45 CREDITS)
unless otherwise indicated, all courses taken to satisfy Pathways General Education must be taken on an A-F basis

Concept 1: Discourse (9 credits)
1f - Foundational
_____ (3 credits)
_____ (3 credits)
1a - Advanced/Applied
_____ (3 credits)
Concept 2: Critical Thinking in the Humanities (6 credits)
_____ HIST 1115 History of the United States (3 credits)
_____ HIST 1116 History of the United States (3 credits)
Concept 3: Reasoning in the Social Sciences (6 credits)
_____ GEOG 1004 Introduction to Human Geography (3 credits)
_____ GEOG 1014 World Regions (3 credits)
Concept 4: Reasoning in the Natural Sciences (6 credits)
_____ (3 credits)
_____ (3 credits)
Concept 5: Quantitative and Computational Thinking (9 credits)
5f - Foundational
_____ GEOG 1084 (FREC 1004) Digital Planet (3 credits)
_____ (3 credits)
5a - Advanced/Applied
_____ (3 credits)
Concept 6: Critique and Practice in Design and the Arts (6 credits)
6d - Design
_____ (3 credits)
6a - Arts
_____ (3 credits)
Concept 7: Critical Analysis of Identity and Equity in the United States (3 credits)
_____ PSCI 1014 Introduction to United States Government and Politics (3 credits)

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[1] https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf

BACHELOR OF ARTS IN EDUCATION IN SECONDARY EDUCATION COMMON DEGREE CORE REQUIREMENTS[2]
(21 credits)

____   EDCI 2574 Social Foundations of Education (3 credits)

____   EDCI 4554 Educating Exceptional Learners (Pre: Junior Standing) (3 credits)

____   EDCI 4724 Secondary School Teaching Methods I (Pre: Junior Standing) (3 credits)

____   EDCI 4734 Adolescent Literacy and Reading (3 credits)

____   EDCI 4744 Secondary School Teaching Methods II (Pre: 4724) (3 credits)

____   EDEP 2374 Educational Psychology for PK-12 Teachers (Pre: Sophomore Standing)(3 credits)

____   EDEP 3474 Principles and Practices in PK-12 Assessment (3 credits)

MAJOR IN HISTORY AND SOCIAL SCIENCES EDUCATION REQUIREMENTS (42 CREDITS)

Virginia/South History (3 credits)

____   choose one (1) from list below

        HIST 3205 US South (3 credits)

        HIST 3224 History of Virginia (3 credits)

World History (6 credits)

____   HIST 1215 Intro to World History (3 credits)

____   HIST 1216 Intro to World History (3 credits)

Economic Development (3 credits)

____   HIST 3114 History of Capitalism[3] (3 credits)

History Depth Electives (6 credits)

____   Choose two (2) from list of approved courses

____

Political Science Depth Electives (6 credits)

____   PSCI 1024 (IS 1024) Introduction to Comparative Government and Politics (3 credits) ***and***

____   Choose one (1) from list of approved courses (3 credits) ***and***

____   Virginia State and Local Government Civics Module[4] (online)

Research Methods (3 credits)

____   Choose one (1) from list below

        HIST 2004 Historical Methods (3 credits)

        PSCI 2024 Research Methods in Political Science (3 credits)

Secondary Teaching Practicum (15 credits)

____   EDCI 3964 Field Work/Practicum (6 credits)

____   EDCI 4964 Field Work/Practicum (9 credits)

FREE ELECTIVE COURSES (12 CREDITS)

TOTAL CREDITS 120

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[2] unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

[3] See advisor for substitutions

[4] not for course credit, certificate of successful completion is part of formal acceptance into teacher preparation program

Approved History Depth Courses *preferred*	Approved Political Science Depth Courses *preferred*
*HIST 2275 or 2276 African-American History (3 credits)	PSCI 2014 Introduction to Political Theory (3 credits)
*HIST 3144 American Environmental History (3 credits)	PSCI 3015,3016 (PHIL 3015, 3016) Political Theory (Pre: 2014) (3 credits)
*HIST 3564 The Cold War (3 credits)	PSCI 3334 Judicial Process (Pre: 1014 or 1014H) (3 credits)
*RLCL 1214 Medieval World (3 credits)	PSCI 3424 State and Local Government (Pre: 1014 or 1014H) (3 credits)
HIST 1515 or 1516 History of Africa (3 credits)	
HIST 2104 Topics and Critical Issues in US History (3 credits)	
HIST 2114 Topics Critical Issues in European History (3 credits)	**Alternate Economics Courses**
HIST 2124 Topics Critical Issues in World History (3 credits)	PSCI/ECON/PHIL 2894 Introduction Philosophy, Politics, and Economics (PW-1a)
HIST 2345 History of the Middle East (3 credits)	PSCI/GEOG/IS 2064: The Global Economy and World Politics (PW-3)
HIST 2355 History of China (3 credits)	ECON 2005 Principles of Economics (PW-3)
HIST 2364 History of Japan (3 credits)	
HIST 2384 (RLCL 2384) Ghandi in the Making of Modern India (3 credits)	
HIST 2715 (STS 2715) History of Technology (3 credits)	
HIST3004 Colonial America (3 credits)	
HIST 3014 The American Revolution (3 credits)	
HIST 3054 American Civil War (3 credits)	
HIST 3064 Emergence of Modern America (3 credits)	
HIST 3084 Recent America (3 credits)	
HIST 3234 The North American West (3 credits)	
HIST 3304 The World of Alexander the Great (3 credits)	
HIST 3334 The Renaissance (3 credits)	
HIST 3344 The Era of Reformation (3 credits)	
HIST 3364 Age of Revolution and Napoleon (3 credits)	
HIST 3544 World War II (3 credits)	
HIST 3554 Age of Globalization (3 credits)	
HIST 3714 War and Medicine (3 credits)	
HIST 3774 Digital History (3 credits)	

College of Liberal Arts and Human Sciences
School of Education
Bachelor of Science in Education in Secondary Education
Major in Mathematics Education
For students entering under UG Catalog 2021-2022

GRADUATION REQUIREMENTS

Language Study Requirement - Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

Credits and GPA – Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI and EDEP courses)

Prerequisites - Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

Additional Requirements – Students must submit passing scores on required state licensure examinations.

SATISFACTORY PROGRESS TOWARD DEGREE

University Policy 91[1] requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

PATHWAYS TO GENERAL EDUCATION (47 CREDITS)
unless otherwise indicated, all courses taken to satisfy Pathways General Education must be taken on an A-F basis
Concept 1: Discourse (9 credits)
1f - Foundational
- _____ ENGL 1105 First-Year Writing (3 credits) or COMM 1015 Communication Skills (3 credits)
- _____ ENGL 1106 First-Year Writing (3 credits) or COMM 1016 Communication Skills (3 credits)

1a - Advanced/Applied
- _____ (3 credits)

Concept 2: Critical Thinking in the Humanities (6 credits)
- _____ (3 credits)
- _____ (3 credits)

Concept 3: Reasoning in the Social Sciences (6 credits)
- _____ (3 credits)
- _____ (3 credits)

Concept 4: Reasoning in the Natural Sciences (6 credits)
- _____ (3 credits)
- _____ (3 credits)

Concept 5: Quantitative and Computational Thinking (11 credits)
5f - Foundational
- _____ MATH 1225 Calculus of a Single Variable (4credits)
- _____ MATH 1226 Calculus of a Single Variable (Pre: Grade of at least C- in 1225) (4 credits)

5a - Advanced/Applied
- _____ STAT 3005 Statistical Methods (Co: MATH 1206 or MATH 1226. Pre: MATH 1205 or MATH 1225) (3 credits)

Concept 6: Critique and Practice in Design and the Arts (6 credits)
6d - Design
- _____ (3 credits)

6a - Arts
- _____ (3 credits)

Concept 7: Critical Analysis of Identity and Equity in the United States (3 credits)
- _____ (3 credits)

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[1] https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf

BACHELOR OF SCIENCE IN EDUCATION IN SECONDARY EDUCATION COMMON DEGREE CORE REQUIREMENTS²
(21 CREDITS)

- _____ EDCI 2574 Social Foundations of Education (3 credits)
- _____ EDCI 4554 Educating Exceptional Learners (Pre: Junior Standing)(3 credits)
- _____ EDCI 4724 Secondary School Teaching Methods I (Pre: Junior Standing) (3 credits)
- _____ EDCI 4734 Adolescent Literacy and Reading (3 credits)
- _____ EDCI 4744 Secondary School Teaching Methods II (Pre:4724) (3 credits)
- _____ EDEP 2374 Educational Psychology for PK-12 Teachers (Pre: Sophomore Standing) (3 credits)
- _____ EDEP 3474 Principles and Practices in PK-12 Assessment (3 credits)

MAJOR IN MATHEMATICS EDUCATION REQUIREMENTS (51 CREDITS)

MATH 1004 Discovering Mathematics I (Pass/Fail only) (1 credit)

MATH 1044 Discovering Mathematics II (2 credits)

MATH 2114 Introduction to Linear Algebra (Pre: 1225 or 1226) (3 credits)

MATH 2204 Introduction to Multivariable Calculus (Pre: 1226) (3 credits)

MATH 3034 Introduction to Proofs (Pre: 2114 or 2114H or 2405H) (3 credits)

MATH 3124 Modern Algebra (Pre: 3034) (3 credits)

MATH 3224 Advanced Calculus (Pre: (2224 or 2224H or 2204 or 2204H or 2406H or CMDA 2005), MATH 3034) (3 credits)

MATH 4044 History of Mathematics (Pre: Senior Standing) (3 credits)

MATH 4334 College Geometry (Pre: 1114 or 2114 or 2114H or 2405H, 1226) (3 credits)

MATH 4625 Mathematics for Secondary Teachers I (Pre: 3034) (3 credits)

MATH 4626 Mathematics for Secondary Teachers II (Pre: 3034) (3 credits)

EDCI 4244 Curriculum and Instruction in the Middle School Classroom (4-8) (3 credits)

Computer Programming (3 credits)

- _____ choose one (1) from list below

CS 1044 Introduction to Programming in C++ (3 credits)

CS 1054 Introduction to Programming in Java (3 credits)

CS 1064 Introduction to Programming in Python (3 credits)

CS 1114 Introduction to Software Design (3 credits)

Secondary Teaching Practicum (15 credits)

- _____ EDCI 3964 Field Work/Practicum (6 credits)
- _____ EDCI 4964 Field Work/Practicum (9 credits)

FREE ELECTIVE COURSES (1 CREDIT)

TOTAL CREDITS 120

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² unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

College of Liberal Arts and Human Sciences
School of Education
Bachelor of Science in Education in Secondary Education
Major in Career and Technical Education - Agricultural Education
For students entering under UG Catalog 2021-2022

GRADUATION REQUIREMENTS

Language Study Requirement - Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

Credits and GPA – Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI, EDCT, and EDEP courses)

Prerequisites - Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

Additional Requirements – Students must submit passing scores on required state licensure examinations.

SATISFACTORY PROGRESS TOWARD DEGREE

University Policy 91[1] requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

PATHWAYS TO GENERAL EDUCATION (42 CREDITS)

unless otherwise indicated, all courses taken to satisfy Pathways General Education must be taken on an A-F basis

Concept 1: Discourse (9 credits)
1f - Foundational
- _____ ENGL 1105 First-Year Writing (3 credits)
- _____ ENGL 1106 First-Year Writing (3 credits)

1a - Advanced/Applied
- _____ ALCE 2414 (AINS 2414) Identity and Inclusion in Agriculture and Life Science (Pre: ENGL 1106) (3 credits, also meets Concept 7)

Concept 2: Critical Thinking in the Humanities (6 credits)
- _____ FREC 2554 (LAR 2554) (NR 2554) Leadership for Global Sustainability (3 credits)
- _____ (3 credits)

Concept 3: Reasoning in the Social Sciences (6 credits)
- _____ AAEC 1005 Economics of Food and Fiber System (3 credits)
- _____ AAEC 1006 Economics of Food and Fiber System (3 credits)

Concept 4: Reasoning in the Natural Sciences (6 credits)
- _____ CHEM 1035 General Chemistry (3 credits)
- _____ CHEM 1036 General Chemistry (Co: MATH 1025 or MATH 1225) (3 credits)

Concept 5: Quantitative and Computational Thinking (9 credits)
5f - Foundational
- _____ GEOG 1084 (FREC 1004) Digital Planet (3 credits)
- _____ MATH 1025 Elementary Calculus (3 credits)

5a - Advanced/Applied
- _____ (3 credits)

Concept 6: Critique and Practice in Design and the Arts (6 credits)
6d - Design
- _____ HORT 2164 Floral Design[2] (3 credits)

6a - Arts
- _____ (3 credits)

Concept 7: Critical Analysis of Identity and Equity in the United States (3 credits)
- _____ ALCE 2414 (AINS 2414) Identity and Inclusion in Agriculture and Life Science (Pre: ENGL 1106) (3 credits, also meets Concept 1a)

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[1] https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf
[2] Additional Fee Required

BACHELOR OF SCIENCE IN EDUCATION IN SECONDARY EDUCATION COMMON DEGREE CORE REQUIREMENTS[3] (21 CREDITS)

- _____ EDCI 2574 Social Foundations of Education (3 credits)
- _____ EDCI 4554 Educating Exceptional Learners (Pre: Junior Standing) (3 credits)
- _____ EDCI 4724 Secondary School Teaching Methods I (Pre: Junior Standing) (3 credits)
- _____ EDCI 4734 Adolescent Literacy and Reading (3 credits)
- _____ EDCI 4744 Secondary School Teaching Methods II (Pre: 4724) (3 credits)
- _____ EDEP 2374 Educational Psychology for PK-12 Teachers (Pre: Sophomore Standing) (3 credits)
- _____ EDEP 3474 Principles and Practices in PK-12 Assessment (3 credits)

MAJOR IN CAREER AND TECHNICAL EDUCATION - AGRICULTURAL EDUCATION REQUIREMENTS (56 CREDITS)

ALS 1234 CALS First Year Seminar (1 credit)

ALCE 3004 Educational Programs in Agricultural and Life Sciences (3 credits)

ALCE 3624 Communicating Agriculture & Life Sciences in Writing (3 credits)

ALCE 4064 Ag Mechanical Lab Management (3 credits)

ALCE/EDCT 4034 Methods of Planning Educational Programs for Agriculture (Pre: ALCE 3004) (3 credits)

ALCE/EDCT 4884 Youth Program Management (3 credits)

EDCT 4624 Managing CTE Programs (3 credits)

APSC 1454 Introduction to Animal & Poultry Science (Co: 1464) (3 credits)

APSC 1464 Animal and Poultry Science Laboratory (Co: 1454) (1 credit)

BSE 2094 Introduction to Metal Fabrication (1 credit)

BSE 2484 Engine and Power Train Technology (Pre: MATH 1016 or MATH 1025) (3 credits)

CSES 2444 Agronomic Crops (3 credits)

CSES 3114 (ENSC 3114) (GEOS 3614) Soils (Pre: CHEM 1036. Co: 3124) (3 credits)

CSES 3124 (ENSC 3124) (GEOS 3624) Soils Laboratory (Co: 3114) (1 credit)

ENSC 3604 Fundamentals of Environmental Science (Pre: BIOL 1105 or CHEM 1035) (3 credits)

FREC 2004 Forest Ecosystems (3 credits)

HORT 2224 Horticulture Science and Industry (2 credits)

SBIO 2614 Introduction to Forest Products Marketing (3 credits)

Field-Based Requirements (11 credits)

ALCE 4024 Managing Agricultural Supervised Occupational Experience Project (2 credits)

EDCT/ALCE 4754 Internship in Education (3 credits)

EDCT/ALCE 4964 Field Work/Practicum (6 credits)

FREE ELECTIVE COURSES (1 CREDIT)

TOTAL CREDITS 120

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[3] unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

College of Liberal Arts and Human Sciences
School of Education
Bachelor of Science in Education in Secondary Education
Major in Career and Technical Education
Option in Family and Consumer Sciences Education
For students entering under UG Catalog 2021-2022

GRADUATION REQUIREMENTS

<u>Language Study Requirement</u> - Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

<u>Credits and GPA</u> – Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI and EDEP courses)

<u>Prerequisites</u> - Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

<u>Additional Requirements</u> – Students must submit passing scores on required state licensure examinations.

SATISFACTORY PROGRESS TOWARD DEGREE

University Policy 91[1] requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

PATHWAYS TO GENERAL EDUCATION (42 CREDITS)
unless otherwise indicated, all courses taken to satisfy Pathways General Education must be taken on an A-F basis

Concept 1: Discourse (9 credits)
1f - Foundational
- ENGL 1105 First-Year Writing (3 credits)
- ENGL 1106 First-Year Writing (3 credits)

1a - Advanced/Applied
- COMM 2004 Public Speaking (Pre: Sophomore Standing)(3 credits)

Concept 2: Critical Thinking in the Humanities (6 credits)
- RLCL 2204 (WGS2204) (AFST 2204) Race and Gender in Religion and Culture (also meets Concept 7) (3 credits)
- PHIL 2304 Global Ethics (3 credits)

Concept 3: Reasoning in the Social Sciences (6 credits)
- PSYC 1004 Introductory Psychology (3 credits)
- PSYC 2034 Developmental Psychology (Pre: 1004) (3 credits)

Concept 4: Reasoning in the Natural Sciences (6 credits)
- (3 credits)
- (3 credits)

Concept 5: Quantitative and Computational Thinking (9 credits)
5f - Foundational
- HIST 2604 (SOC 2604) (STS 2604) Introduction to Data in Social Context or SOC 2104 (HD 2104) Quantitative Approaches to Community Research (3 credits)
- CONS 2304 Consumer and Family Finances (3 credits)

5a - Advanced/Applied
- (3 credits)

Concept 6: Critique and Practice in Design and the Arts (6 credits)
6d - Design
- RED 2604 Residential Design (3 credits)
6a - Arts

[1] https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf

___ AHRM 1014 Design and Art for Consumers (3 credits)

Concept 7: Critical Analysis of Identity and Equity in the United States (3 credits)

___ RLCL 2204 (WGS 2204) (AFST 2204) Race and Gender in Religion and Culture (also meets Concept 2) (3 credits)

BACHELOR OF SCIENCE IN EDUCATION IN SECONDARY EDUCATION COMMON DEGREE CORE REQUIREMENTS[2] (21 CREDITS)

___ EDCI 2574 Social Foundations of Education (3 credits)

___ EDCI 4554 Educating Exceptional Learners (Pre: Junior Standing) (3 credits)

___ EDCI 4724 Secondary School Teaching Methods I (Pre: Junior Standing) (3 credits)

___ EDCI 4734 Adolescent Literacy and Reading (3 credits)

___ EDCI 4744 Secondary School Teaching Methods II (Pre:4724) (3 credits)

___ EDEP 2374 Educational Psychology for PK-12 Teachers (Pre: Sophomore Standing) (3 credits)

___ EDEP 3474 Principles and Practices in PK-12 Assessment (3 credits)

MAJOR IN CAREER AND TECHNICAL EDUCATION REQUIREMENTS (18 CREDITS)

___ EDCT 2604 Introduction to CTE (3 credits)

___ EDCT 4624 Managing CTE Programs (3 credits)

___ EDCT/ALCE 4884 Youth Program Management (3 credits)

Field-Based Requirements (9 credits)

___ EDCT 3964 Field Work/Practicum (3 credits)

___ EDCT 4964 Field Work/Practicum (6 credits)

OPTION IN FAMILY AND CONSUMER SCIENCES EDUCATION REQUIREMENTS (39 CREDITS)

___ AHRM 2404 Consumer Rights (3 credits)

___ CONS 3404 Consumer Education Strategies (Pre: 2304 and AHRM 2404) (3 credits)

___ EDCT 2964 Industry Field Experience (2 credits)

___ FMD 1204 Clothing and People (3 credits)

___ HNFE 1004 Foods, Nutrition, and Exercise (3 credits)

___ HTM 3414 Food Preparation, Purchasing and Management[3] (Pre: Junior Standing) (4 credits)

___ RED 2614 Introduction Residential Technologies (2 credits)

___ RED 2634 Residential Technologies Lab (Co: 2614) (1 credit)

___ RED 2644 Housing and the Consumer (3 credits)

___ RED 4664 Universal Design (3 credits)

___ SOC 1004 Introductory Sociology (3 credits)

___ SOC 2014 Sociology of Intimate Relationships (3 credits)

___ SOC 3714 Sociology of Aging (Pre: 1004) (3 credits)

___ SOC 4014 Sociology of the Family (Pre: 2014) (3 credits)

FREE ELECTIVE COURSES (0 CREDITS)

TOTAL CREDITS 120

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[2] unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

[3] Additional Fee Required

College of Liberal Arts and Human Sciences
School of Education
Bachelor of Science in Education in Secondary Education
Major in Career and Technical Education
Option in Business and Information Technology Education
For students entering under UG Catalog 2021-2022

GRADUATION REQUIREMENTS

<u>Language Study Requirement</u> - Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

<u>Credits and GPA</u> – Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI and EDEP courses)

<u>Prerequisites</u> - Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

<u>Additional Requirements</u> – Students must submit passing scores on required state licensure examinations.

SATISFACTORY PROGRESS TOWARD DEGREE

University Policy 91[1] requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

PATHWAYS TO GENERAL EDUCATION (46 CREDITS)

unless otherwise indicated, all courses taken to satisfy Pathways General Education must be taken on an A-F basis

Concept 1: Discourse (9 credits)
1f - Foundational

_____ ENGL 1105 First-Year Writing (3 credits)
_____ ENGL 1106 First-Year Writing (3 credits)

1a - Advanced/Applied

_____ ENGL 3844 Writing and Digital Media (Pre: 1106 or 1204H or COMM 1016) (3 credits)

Concept 2: Critical Thinking in the Humanities (6 credits)

_____ PHIL 2304 Global Ethics (3 credits)
_____ BIT 4604 Data Governance, Privacy, and Ethics (Pre: 2405 or CMDA 2014 or CS 1114 or CS 1054 or CS 1064) (3 credits)

Concept 3: Reasoning in the Social Sciences (6 credits)

_____ ECON 2005 Principles of Economics (3 credits)
_____ ECON 2006 Principles of Economics (3 credits)

Concept 4: Reasoning in the Natural Sciences (6 credits)

_____ (3 credits)
_____ (3 credits)

Concept 5: Quantitative and Computational Thinking (10 credits)
5f - Foundational

_____ MATH 1524 Business Calculus (4 credits)
_____ BIT 2405 Introduction to Business Statistics, Analytics, & Modeling (Pre: MATH 1524… see catalog for more) (3 credits)

5a - Advanced/Applied

_____ AAEC 2104 Personal Financial Planning (3 credits)

Concept 6: Critique and Practice in Design and the Arts (6 credits)
6d - Design

_____ MGT 2064 Foundations Entrepreneurship (3 credits)

6a - Arts

_____ (3 credits)

Concept 7: Critical Analysis of Identity and Equity in the United States (3 credits)

_____ MGT 3444 Multicultural Diversity in Organizations (Pre: Junior Standing) (3 credits)

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[1] https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf

BACHELOR OF SCIENCE IN EDUCATION IN SECONDARY EDUCATION COMMON DEGREE CORE REQUIREMENTS[2] (21 CREDITS)

- _____ EDCI 2574 Social Foundations of Education (3credits)
- _____ EDCI 4554 Educating Exceptional Learners (Pre: Junior Standing) (3 credits)
- _____ EDCI 4724 Secondary School Teaching Methods I (Pre: Junior Standing) (3 credits)
- _____ EDCI 4734 Adolescent Literacy and Reading (3credits)
- _____ EDCI 4744 Secondary School Teaching Methods II (Pre:4724) (3 credits)
- _____ EDEP 2374 Educational Psychology for PK-12 Teachers (Pre: Sophomore Standing) (3 credits)
- _____ EDEP 3474 Principles and Practices in PK-12 Assessment (3credits)

MAJOR IN CAREER AND TECHNICAL EDUCATION REQUIREMENTS (18 CREDITS)

- _____ EDCT 2604 Introduction to CTE (3 credits)
- _____ EDCT 4624 Managing CTE Programs (3 credits)
- _____ EDCT/ALCE 4884 Youth Program Management (3credits)

Field-Based Requirements (9 credits)

- _____ EDCT 3964 Field Work/Practicum (3 credits)
- _____ EDCT 4964 Field Work/Practicum (6 credits)

OPTION IN BUSINESS AND INFORMATION TECHNOLOGY EDUCATION REQUIREMENTS (29 CREDITS)

- _____ ACIS 1504 Introduction to Business Analytics & Business Intelligence (3 credits)
- _____ ACIS 2115 Principles of Accounting (Pre: Sophomore standing) (3 credits)
- _____ ACIS 2116 Principles of Accounting II (Pre: A grade of C- or better in ACIS 2115) (3 credits)
- _____ EDCT 1474 Computer Information Systems (3 credits)
- _____ EDCI 2964 Field Study/Practicum (2 credits)
- _____ FIN 2114 Investments and Financial Literacy (3 credits)
- _____ FIN 3054 Legal and Ethical Environment of Business (Pre: Junior Standing) (3 credits)
- _____ HTM 2314 (MGT 2314) Introduction to International Business (3 credits)
- _____ MGT 3304 Management Theory and Leadership Practice (Pre: Sophomore standing) (3 credits)
- _____ MKTG 3104 Marketing Management (Pre: Junior Standing) (3 credits)

FREE ELECTIVE COURSES (6 CREDITS)

TOTAL CREDITS 120

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[2] unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

College of Liberal Arts and Human Sciences
School of Education
Bachelor of Science in Education in Secondary Education
Major in Career and Technical Education
Option in Marketing Education
For students entering under UG Catalog 2021-2022

GRADUATION REQUIREMENTS

Language Study Requirement - Students who do not complete two years of a single foreign or classical language or American Sign Language in high school, may do so by taking six credits of college-level foreign or classical language or American Sign Language. The six credits used to meet this requirement may not be used to satisfy the minimum number of credits required for graduation.

Credits and GPA – Completion of a minimum of 120 credits with a minimum overall GPA of 2.5; and in-major GPA of 3.0. (In major GPA includes all EDCI and EDEP courses)

Prerequisites - Some courses listed on this checksheet may have pre-/co-requisites; please consult the University Course Catalog or check with your advisor.

Additional Requirements – Students must submit passing scores on required state licensure examinations.

SATISFACTORY PROGRESS TOWARD DEGREE

University Policy 91[1] requires a student to make satisfactory progress towards a degree. Additionally, licensure programs require that by the time a student has completed 72 credits, they must have passed all licensure examinations, carry an in-major GPA of 3.0, and be accepted into the educator preparation program.

PATHWAYS TO GENERAL EDUCATION (46 CREDITS)
unless otherwise indicated, all courses taken to satisfy Pathways General Education must be taken on an A-F basis

Concept 1: Discourse (9 credits)
1f - Foundational
- _____ COMM 1015 Communication Skills (3 credits)
- _____ COMM 1016 Communication Skills (3 credits)

1a - Advanced/Applied
- _____ (3 credits)

Concept 2: Critical Thinking in the Humanities (6 credits)
- _____ STS 2254 Innovation in Context (3 credits)
- _____ (3 credits)

Concept 3: Reasoning in the Social Sciences (6 credits)
- _____ ECON 2005 Principles of Economics (3 credits)
- _____ ECON 2006 Principles of Economics (3 credits)

Concept 4: Reasoning in the Natural Sciences (6 credits)
- _____ (3 credits)
- _____ (3 credits)

Concept 5: Quantitative and Computational Thinking (10 credits)
5f - Foundational
- _____ MATH 1524 Business Calculus (4 credits)
- _____ BIT 2405 Introduction to Business Statistics, Analytics, & Modeling (Pre: MATH 1524… see catalog for more) (3 credits)

5a - Advanced/Applied
- _____ 3 credits)

Concept 6: Critique and Practice in Design and the Arts (6 credits)
6d - Design
- _____ HTM 3424 Event Management (Pre: Sophomore standing) (3 credits)

6a - Arts
- _____ (3 credits)

Concept 7: Critical Analysis of Identity and Equity in the United States (3 credits)
- _____ MGT 3444 Multicultural Diversity in Organizations (Pre: Junior Standing) (3 credits)

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[1] https://policies.vt.edu/91-eligibility-for-continued-enrollment.pdf

BACHELOR OF SCIENCE IN EDUCATION IN SECONDARY EDUCATION COMMON DEGREE CORE REQUIREMENTS[2] (21 CREDITS)

- _____ EDCI 2574 Social Foundations of Education (3 credits)
- _____ EDCI 4554 Educating Exceptional Learners (Pre: Junior Standing) (3 credits)
- _____ EDCI 4724 Secondary School Teaching Methods I (Pre: Junior Standing) (3 credits)
- _____ EDCI 4734 Adolescent Literacy and Reading (3 credits)
- _____ EDCI 4744 Secondary School Teaching Methods II (Pre: 4724) (3 credits)
- _____ EDEP 2374 Educational Psychology for PK-12 Teachers (Pre: Sophomore Standing) (3 credits)
- _____ EDEP 3474 Principles and Practices in PK-12 Assessment (3 credits)

MAJOR IN CAREER AND TECHNICAL EDUCATION REQUIREMENTS (18 CREDITS)

- _____ EDCT 2604 Introduction to CTE (3 credits)

- _____ EDCT 4624 Managing CTE Programs (3 credits)

- _____ EDCT/ALCE 4884 Youth Program Management (3 credits)

Field-Based Requirements (9 credits)

- _____ EDCT 3964 Field Work/Practicum (3 credits)

- _____ EDCT 4964 Field Work/Practicum (6 credits)

OPTION IN MARKETING EDUCATION REQUIREMENTS (33 CREDITS)

ACIS 1504 Introduction to Bus Analytics and Bus Intelligence (3 credits)

ACIS 2115 Principles of Accounting (Pre: Sophomore standing) (3 credits)

CMST 3214 Professional Communication (Pre: COMM 1016 or COMM 2004) (3 credits)

MGT 3304 Management Theory and Leadership Practice (Pre: Sophomore standing) (3 credits)

MKTG 3104 Marketing Management (Pre: Junior Standing) (3 credits)

MKTG 3504 Advertising (Pre: 3104 or 3104H) (3 credits)

MKTG 4204 Consumer Behavior (Pre: 3104 or 3104H) (3 credits)

MKTG 4554 Relationships Among Buyers and Sellers (Pre: 3104 or 3104H) (3 credits)

MKTG 4604 Retail Management (Pre: 3104 or 3104H) (3 credits)

MKTG 4704 International Marketing (Pre: 3104 or 3104H) (3 credits)

MKTG 4774 Advanced Professional Selling (Pre: 4554, 4204, (3104 or 3104H) (3 credits)

FREE ELECTIVE COURSES (2 CREDITS)

TOTAL CREDITS 120

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[2] unless otherwise indicated, all courses must be taken on an A-F basis; courses satisfying degree core requirements may not be double counted to satisfy other areas of a degree.

fl!VirginiaTech

College of Liberal Arts
and Human Sciences

TO: Curriculum Committee Members

FROM: Nancy B0denhor"7   *Ao*
    Associate Director,   rice of p cademicPrograms, School of Education

RE: 2021 B.S. Ed./B.A.Ed. in Secondary Education (new degree)

DATE: January 24, 2020

The Virginia Tech School of Education is requesting approval for the addition of a Bachelor's degree in Secondary Education. This new degree will provide us the opportunity to offer a four-year opportunity for those students who intend to join the teaching profession. For the past decade, Virginia has limited Education degrees to graduate degrees, and just opened this possibility in 2019. The Bachelor's degree was re-established as one response to a critical teacher shortage, of which Math, English, History, and Career and Technical Education have been in the top ten in Virginia during the last five years. We are eager to be part of the solution and provide well prepared teachers for our public school districts.

Education degrees are monitored by the Virginia Department of Education for the required licensure. The degree checksheet is being developed to meet all of these requirements. Our goal is to have all approvals in place to admit students in 2021 and 2022.

The School of Education does not require additional resources to offer this new degree, as the resources will be redirected and/or shared with the cmTent graduate program.

-   - - * /11 vent the Future*

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VT VIRGINIA TECH.

AAEC Courses on Education Checksheets
3 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 1:51 PM
To: mattholt@vt.edu

Hello Dr. Holt,
I am putting together undergraduate curriculum committee program proposals for new Education majors and I was hoping to get written support from your department allowing us to include courses on our graduation checksheets. Currently we are submitting proposals for Career and Technical Education which includes four proposed majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. The following have requested permission to include courses from your department as Pathways requirements on graduation checksheets.

I am told that if you are willing to agree, an email reply to that effect is sufficient.

Agricultural Education
        AAEC 1005 Econ Food Fiber Sys
        AAEC 1006 Econ Food Fiber Syst

Business and Information Technology Education
        AAEC 2104 Personal Financial Planning

Marketing Education
        AAEC 2104 Personal Financial Planning

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction? Thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

HokIe TEACH!
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        PEAP Information

        Schedule an Appointment

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404 Wallace Hall (0565)
(540)231-6496 dknight1@vt.edu
Doctoral Candidate: Curriculum and Instruction
NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Holt, Matthew <mattholt@vt.edu>   Thu, Jul 16, 2020 at 9:42 AM
To: "Knight, Dawn" <dknight1@vt.edu>

Hi Dawn,

I have checked with the current instructors of the classes listed below, and all are enthusiastic about the opportunity to be included as meeting various Pathways requirements for the new majors you are proposing. In short, as Head of the Department of Agricultural and Applied Economics I agree with and support what you have outlined below vis-à-vis the courses offered in my department.

Please let me know if you require anything further from me/us.

Best regards,

Matt

Matt Holt | Virginia Tech

Professor and Department Head

Ag & Applied Economics

VT **VIRGINIA TECH.**

Business Courses on Education Checksheets

Maher, John <jmaher@vt.edu>   Fri, Aug 21, 2020 at 2:33 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>

Hello Dawn,

   We can handle the 8 to 10 Career and technical Education students in the classes you request. We restrict these courses to Pamplin College students due to capacity constraints. I summarize the semester that are likely to be open for each course below.

      Jack Maher

Career and Technical Education

ACIS 1504 Introduction to Bus Analytics and Bus Intelligence (Spring, Summer, Winter)

ACIS 2115 Principles of Accounting (Fall, Winter, Summer)
ACIS 2116 Principles of Accounting II (Spring, Winter, Summer)

John J. (Jack) Maher

Department Head and
Tom Wells/Kathy Dargo Professor
Dept. of Accounting and Information Systems
Pamplin College of Business - Virginia Tech
Blacksburg, VA 24061
USA

From: Dawn Knight <dknight1@vt.edu>
Sent: Friday, August 21, 2020 12:39 PM
To: Maher, John <jmaher@vt.edu>
Cc: Bodenhorn, Nancy <nanboden@vt.edu>
Subject: Business Courses on Education Checksheets

Hello Dr. Maher,

I hope this finds you well and ready to jump into fall semester! After considering feedback from SCHEV, the Department of Education, and affected departments, we have made some adjustments to our program proposals. Thank you to everyone who shared their thoughts.

Today I am writing to ask your department's permission to include the courses listed below on the graduation checksheet for our proposed **Career   and Technical Education** major. The content from these courses meets VDOE licensure competencies in Marketing Education and Business and Information Technology Education. We do not expect more than 8 or 10 students to choose these licensure options each year.

   ACIS 1504 Introduction to Bus Analytics and Bus Intelligence

   ACIS 2115 Principles of Accounting

   ACIS 2116 Principles of Accounting II

Thank you for your time. I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

--

Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

PEAP Information

Schedule an Appointment

Like Us on Facebook

[Quoted text hidden]

VT VIRGINIA TECH.

AHRM Courses on Education Checksheet
3 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 2:24 PM
To: Julia Beamish <jbeamish@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hi Julia,
I am currently putting together an undergraduate curriculum committee program proposal for a new **Family and Consumer Sciences Education** major
and I was hoping to get written support from your department allowing us to include the following courses on the graduation checksheet.

      AHRM 1014 Design and Art for Consumers (as Pathways)
      CONS 2304 Consumer and Family Finances (as Pathways)
      CONS 3504 Resource Management for Individuals and Families
      FMD 1204 Clothing and People
      FMD 3224 Apparel Production
      RED 2604 Residential Design (as Pathways)
      RED 2644 Housing and the Consumer

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Dustin Read <dcread@vt.edu>   Sun, Jul 19, 2020 at 1:08 PM
To: Julia Beamish <jbeamish@vt.edu>
Cc: Dawn Knight <dknight1@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>, Chelsey Hancock
<chelseyh@vt.edu>

Dawn,

Thanks for inquiring about including some AHRM courses on your checksheet. We generally have capacity in all of the courses you noted except
for CONS 3504 and FMD 3224, so I'd welcome you to list all but those two. Please let me know if you have any additional questions.

Best,
Dustin

On Thu, Jul 16, 2020 at 7:25 AM Julia Beamish <jbeamish@vt.edu> wrote:
  Hi Dawn, I am no longer department head of AHRM. I'm copying Duztin Read, new head, on this email, so that he can address this request.
  Thank you,
  Julia
  [Quoted text hidden]

Dawn Knight <dknight1@vt.edu>   Mon, Jul 20, 2020 at 2:08 PM
To: Dustin Read <dcread@vt.edu>
Cc: Julia Beamish <jbeamish@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>, Chelsey Hancock
<chelseyh@vt.edu>

Thank you!
[Quoted text hidden]

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Request to include AHRM Courses on FCS Checksheet

3 messages

Dawn Knight <dknight1@vt.edu>   Tue, Aug 4, 2020 at 3:02 PM
To: Dustin Read <dcread@vt.edu>

Hi Dustin,
Here is a list of additional courses we would like to add to our new Family and Consumer Sciences Education major graduation checksheet based on our conversation last week.

      AHRM 2404 Consumer Rights
      CONS 3404 Consumer Education Strategies
      RED 2614/34 Intro Residential Technologies / Lab
      RED 4644 Universal Design

I am told that if you are willing to agree, an email response to that effect is sufficient.

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Dustin Read <dcread@vt.edu>   Tue, Aug 4, 2020 at 3:13 PM
To: Dawn Knight <dknight1@vt.edu>

Dawn,

Sorry for the slow response! Please go ahead and include the courses on your checksheet.

Best,
Dustin
[Quoted text hidden]

Dawn Knight <dknight1@vt.edu>   Tue, Aug 4, 2020 at 3:32 PM
To: Dustin Read <dcread@vt.edu>

Thank you! :)
[Quoted text hidden]

ALCE Courses on Education Checksheets

3 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 1:32 PM
To: Donna Westfall-Rudd <mooredm@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hi Donna ,
I am currently putting together the undergraduate curriculum committee program proposal for the **Agricultural Education** major and I was hoping to get written support from your department allowing us to include **ALCE 2414 Identity and Inclusion in Agriculture, ALCE 3004 Educational Programs in Agricultural and Life Sciences, and ALCE 4064 Ag Mechanical Lab Management** on the graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Rutherford, Tracy <trutherford@vt.edu>   Wed, Jul 15, 2020 at 2:20 PM
To: "Westfall-Rudd, Donna" <mooredm@vt.edu>, "Knight, Dawn" <dknight1@vt.edu>

Dawn,

We agree to the inclusion of ALCE 2414, ALCE 3004, and ALCE 4064 on the graduation checksheet for the agricultural education major.

Thank you,

TR

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Cross listed ag ed

Rutherford, Tracy <trutherford@vt.edu>
To:"Knight, Dawn"<dknight1@vt.edu>

Mon, Aug 17, 2020 at 6:35 PM

Yes, also include ALCE 4024.

TR

Sent via the Samsung Galaxy 8, please excuse errors.

From: Dawn Knight <dknight1@vt.edu>
Sent: Monday, August 17, 2020 5:35:33 PM
To: Rutherford, Tracy <trutherford@vt.edu>
[Quoted text hidden]

[Quoted text hidden]

Request to Include ALCE 3624 on Education Checksheet

2 messages

Dawn Knight <dknight1@vt.edu>   Tue, Jul 28, 2020 at 4:19 PM
To: Donna Westfall-Rudd <mooredm@vt.edu>, "Rutherford, Tracy" <trutherford@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Hello Donna and Tracy,

I am writing for support from your department allowing us to include **ALCE 3624 Communicating Agriculture & Life Sciences in Writing** on our new **Agricultural Education** graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Thank you!

--

Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Rutherford, Tracy <trutherford@vt.edu>   Tue, Jul 28, 2020 at 4:28 PM
To: "Knight, Dawn" <dknight1@vt.edu>, "Westfall-Rudd, Donna" <mooredm@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>

Yes, we approve use of ALCE 3524 on the AGED checksheet. I have attached the Spring 2020 syllabus.

TR

From: Dawn Knight <dknight1@vt.edu>
Date: Tuesday, July 28, 2020 at 4:20 PM
To: "Westfall-Rudd, Donna" <mooredm@vt.edu>, "Rutherford, Tracy" <trutherford@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>
Subject: Request to Include ALCE 3624 on Education Checksheet

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
ACADEMIC PROGRAMS
VIRGINIA TECH.

Office of Academic Programs
175 West Campus Dr. (0334)
Litton-Reaves, Suite 1060
Blacksburg, Virginia 24061
P: (540) 231-6503 F: (540) 231-6741
calsap@vt.edu

MEMORANDUM

TO: Dawn Knight-Withers,
     Pre-Education Advising Coordinator, Virginia Tech School of Education

FROM: Susan Sumner,
       Associate Dean and Director of Academic Programs

DATE: July 16, 2020

SUBJECT: ALS 1234 – CALS First Year Seminar

I am in support of including ALS 1234, CALS First Year Seminar, to the School of Education, Agricultural Education major checksheet. This will not require any new resources.

VIRGINIA TECH.

APSC Courses on Education Checksheet

Wood, Cynthia <piglady@vt.edu>   Fri, Aug 7, 2020 at 8:54AM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Gerrard, David" <dgerrard@vt.edu>, "Eversole, Dan" <deversol@vt.edu>

Hi, Dawn

My apologies. Things have been somewhat past crazy over here this summer. Thanks for following up.

We are okay with including APSC 1454 Introduction to Animal and Poultry Sciences on your Ag Ed checksheet as a required course. If you wish to include APSC 1464 Intro to APSC lab as an elective course, that is also fine. We just cannot guarantee seats in APSC 1464.

Good luck with the major. Please let me know if you need anything further from us.

Cindy

Dr. Cindy Wood

Associate Professor, Animal & Poultry Sciences

Co-Director, APSC Undergraduate Program

Virginia Tech

3020 Litton Reaves Hall

175 West Campus Drive

Blacksburg, VA 24061

piglady@vt.edu

540-231-6937

Join by Zoom: https://virginiatech.zoom.us/j/5402316937

Meeting ID: 540 231 6937

From: Dawn Knight <dknight1@vt.edu>
Sent: Thursday, August 6, 2020 8:31 PM
To: Wood, Cynthia <piglady@vt.edu>

[Quoted text hidden]

[Quoted text hidden]
[Quoted text hidden]

> [Quoted text hidden]
> [Quoted text hidden]

>> [Quoted text hidden]
>> [Quoted text hidden]

PEAP Information

VT **VIRGINIA TECH.**

Business Courses on Education Checksheets

Russell, Robin <rrussell@vt.edu>   Fri, Aug 21, 2020 at 1:24PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "McCoy, Tracy" <tracym@vt.edu>

The BIT department approves the inclusion of BIT 2405 and BIT 4604 in the Career and Technical Education major. At the current numbers, no additional resources will be needed.

Roberta S. Russell

Professor and Head

Business Information Technology

Pamplin College of Business

Virginia Tech

540-231-6596 (office)

rrussell@vt.edu

From: Dawn Knight <dknight1@vt.edu>
Date: Friday, August 21, 2020 at 12:38 PM
To: Robin Russell <rrussell@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>
Subject: Business Courses on Education Checksheets

Hello Dr. Russell,

I hope this finds you well and ready to jump into fall semester! After considering feedback from SCHEV, the Department of Education, and affected departments, we have made some adjustments to our program proposals. Thank you to everyone who shared their thoughts.

Today I am writing to ask your department's permission to include the courses listed below on the graduation checksheet for our proposed **Career and Technical Education** major. The content from these courses meets VDOE licensure competencies in Marketing Education and Business and Information Technology Education. We do not expect more than 8 or 10 students to choose these licensure options each year.

BIT 2405 Introduction to Business Statistics, Analytics, & Modeling

BIT 4604 Data Gov, Privacy, Ethics

Thank you for your time. I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions.

VIRGINIA TECH.

BSE Courses on Education Checksheet

3 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 1:39 PM
To: dredwards@vt.edu
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr Edwards,
I am currently putting together an undergraduate curriculum committee program proposal for a new **Agricultural Education** major and I was hoping to get written support from your department allowing us to include **BSE 2094 Introduction to Metal Fabrication** and **BSE 2484 Engine and** Power Train **Technology** on the graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Edwards, Dwayne <dredwards@vt.edu>   Mon, Jul 20, 2020 at 6:24 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Mukuni, Joseph" <mjoseph7@vt.edu>

Hi Dawn,

I'm happy to support, and I endorse inclusion of BSE 2094 and BSE 2484 on the Agricultural Education major graduation checksheet. I anticipate no additional resources will be required of BSE.

Best regards,

D. Edwards

Dwayne R. Edwards, Ph.D., P.E.

Professor and Department Head

Department of Biological Systems Engineering

200 Seitz Hall | 155 Ag Quad Lane | Blacksburg, VA 24061-0303
Phone: 540-231-1098 | Fax: 540-231-3199 | E-mail: dredwards@vt.edu
Website: https://www.bse.vt.edu/

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[Quoted text hidden]

Dawn Knight <dknight1@vt.edu>   Mon, Jul 20, 2020 at 11:34 PM
To: "Edwards, Dwayne" <dredwards@vt.edu>

VIRGINIA TECH.

Request to Include CHEM Courses on Education Checksheet

3 messages

Dawn Knight <dknight1@vt.edu>   Tue, Jul 28, 2020 at 4:27 PM
To: Patricia Amateis <pamateis@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Hello Dr. Amateis,
Thank you for your recent note allowing us to include CHEMs 1015/1025/1016/1026 as Pathways options for our new **Agricultural Education** major. We have recently added ENSC 3604 which includes CHEM 1035 as a possible prerequisite, so we are hoping to include **CHEM 1035 General Chemistry** on the graduation checksheet as an additional option. As a reminder, we are expecting 10-15 students per academic year and this course would be one of several options.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Thank you, again!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Patricia Amateis <pamateis@vt.edu>   Tue, Jul 28, 2020 at 9:13 PM
To: Dawn Knight <dknight1@vt.edu>

Hi Dawn,

The Chemistry Department supports the inclusion of **CHEM 1035 General Chemistry** as an option on the graduation checksheet for the new Agricultural Education major.

Patricia Amateis
Director of Undergraduate Education
Chemistry
[Quoted text hidden]

Dawn Knight <dknight1@vt.edu>   Tue, Jul 28, 2020 at 9:16 PM
To: Patricia Amateis <pamateis@vt.edu>

Thank you very much!
[Quoted text hidden]

VIRGINIA TECH.

COMM courses on Math Education Checksheet

Douglas Cannon <dfcannon@vt.edu>   Tue, Aug 4, 2020 at 2:50 PM
To: Dawn Knight <dknight1@vt.edu>

Dawn: I did see it and thought I had sent the response, but it was in the draft folder. The text is below:

Dawn: We support inclusion of COMM 1015 and 1016 (Communication Skills) and CMST 3214 (Professional Communication) on the proposed Marketing Education major checksheet. Our current capacity for additional students in these courses is limited. We are working to expand that capacity, but with current hiring limits, I'm not sure how soon we might add instructors for these Pathways sections.

We support inclusion of CMST 4214 (Web Content Management Strategies) on the proposed Business and Information Technology Education major checksheet.

Douglas F. Cannon, Ph.D., APR+M, Fellow PRSA
Associate Director, School of Communication
Virginia Polytechnic Institute and State University (Virginia Tech)
[Quoted text hidden]

VIRGINIA TECH.

Communication Studies Courses for Education Majors

2 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 11:35 AM
To: Robert Denton <rdenton@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr. Denton,
I am currently putting together program proposals for Career and Technical Education which includes 4 majors. I was hoping to get written support from your department allowing us to include COMM 2004 as Pathways on graduation checksheets for three of them; Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Douglas Cannon <dfcannon@vt.edu>   Wed, Jul 15, 2020 at 3:52 PM
To: Dawn Knight <dknight1@vt.edu>

Dawn: We support the inclusion of COMM 2004: Public Speaking on the Business and Technology Education, Family and Consumer Science Education, and Marketing Education checksheets.

Douglas F. Cannon, Ph.D., APR+M, Fellow PRSA
Assistant Head, Department of Communication
Virginia Polytechnic Institute and State University (Virginia Tech)

---------- Forwarded message ---------
From: **Denton, Robert** <rdenton@vt.edu>
Date: Wed, Jul 15, 2020 at 2:17 PM
Subject: FW: Communication Studies Courses for Education Majors
To: Cannon, Douglas <dfcannon@vt.edu>

VIRGINIA TECH.

Computer Science Courses Required for New Education Majors

Stephen H Edwards <edwards@cs.vt.edu>   Mon, Jul 20, 2020 at 3:43PM
To: Dawn Knight <dknight1@vt.edu>
Cc: "Kreye, Bettibel" <bkreye@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>

OK, thank you for the clarification. At that expected enrollment, the Department of Computer Science approves the inclusion of CS 1054, CS 1044, CS 1114, and CS 1064 (if you decide to add it) in the checksheet for your new Mathematics Education major. Let me know if you need anything else.

-- Steve

Virginia Tech, CS Dept.   Web-CAT: Web-based Center for Software Testing
2202 Kraft Drive   Automatic grading using student-written tests
Blacksburg, VA 24060 USA   http://web-cat.org/
(540)-231-5723   http://people.cs.vt.edu/~edwards/

[Quoted text hidden]

VIRGINIA TECH.

CSES Courses on Education Checksheet

2 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 1:44 PM
To:bftracy@vt.edu
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr. Tracy,
I am currently putting together an undergraduate curriculum committee program proposal for a new **Agricultural Education** major and I was hoping to get written support from your department allowing us to include **CSES 3114 Soils** and **CSES 3124 Soils Laboratory** on the graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the rightdirection?

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Benjamin F.Tracy <bftracy@vt.edu>   Thu, Jul 16, 2020 at 7:54 AM
To:Dawn Knight<dknight1@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hi Dawn -yes, we agree to allow CSES 3114 and 3124 on your checksheet for the new Agriculture Education major.

Regards,
Ben Tracy
[Quoted text hidden]
--
Benjamin F. Tracy, PhD
Associate Director of Undergraduate Programs
School of Plant and Environmental Sciences - Virginia Tech
185 Ag. Quad Lane (MC 0404)
Blacksburg, Va 24061
Email:bftracy@vt.edu
Office Ph: 540.231.8259

CSES Courses on Education Checksheet

Benjamin F.Tracy <bftracy@vt.edu>   Mon, Aug 17, 2020 at 5:42 PM
To: Dawn Knight <dknight1@vt.edu>

Sure - that is actually my course. Was kind of wondering why it was included with the others.
Thanks!

On Mon, Aug 17, 2020 at 5:29 PM Dawn Knight <dknight1@vt.edu> wrote:
Hello Dr. Tracy,

My apologies, it looks like I missed a CSES course the first time I asked. Could we also include **CSES 2444 Agronomic Crops** on our proposed checksheet for **Agricultural Education** majors?

Thank you!

On Thu, Jul 16, 2020 at 7:53 AM Benjamin F. Tracy <bftracy@vt.edu> wrote:
Hi Dawn -yes, we agree to allow CSES 3114 and 3124 on your checksheet for the new Agriculture Education major.

Regards,
Ben Tracy

On Wed, Jul 15, 2020 at 1:45 PM Dawn Knight <dknight1@vt.edu> wrote:
Hello Dr.Tracy,
I am currently putting together an undergraduate curriculum committee program proposal for a new **Agricultural Education** major and I was hoping to get written support from your department allowing us to include **CSES 3114 Soils** and **CSES 3124 Soils Laboratory** on the graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

--

Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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--
Benjamin F. Tracy, PhD
Associate Director of Undergraduate Programs
School of Plant and Environmental Sciences - Virginia Tech

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ECON courses on Education Checksheets

3 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 11:48 AM
To: Melanie Fox <melaniefox@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr. Fox,
I am currently putting together undergraduate curriculum committee proposals for Career and Technical Education which includes multiple new majors. I was hoping to get written support from your department allowing us to include **ECON 2005 and 2006** as Pathways on graduation checksheets for **Business and Information Technology Education, Family and Consumer Sciences Education,** and **Marketing Education**. I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Melanie Fox <melaniefox@vt.edu>   Wed, Jul 15, 2020 at 1:17 PM
To: Dawn Knight <dknight1@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hi Dawn,
Yes, the department supports adding Econ 2005 and 2006 to these checksheets.
Melanie Fox
Director of Undergraduate Studies, Economics
melaniefox@vt.edu

Ut Prosim

[Quoted text hidden]

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 2:52 PM
To: Melanie Fox <melaniefox@vt.edu>

List of ELA and Elementary courses and new ELAEd Checksheet

Joe Eska <eska@vt.edu>   Fri, Jan 24, 2020 at 2:09 PM
To: Dawn Knight <dknight1@vt.edu>

Hello Dawn,

   This all is fine from the perspective of English. Please go ahead. We had spoken about trying to direct the Education majors to more of the linguistics courses, perhaps recommending that students enroll in the Pathways minor in Language Sciences. Have you decided against that?

Thanks,

Joe

On Thu, Jan 23, 2020 at 3:34 PM Dawn Knight <dknight1@vt.edu> wrote:
> Hi Dr. Eska,
> I am worried that my last email must have been lost in the excitement of the end of fall semester. It is getting close to our deadline for submitting our degree proposals so I am reaching out for English department approval to include specific courses on our checksheets for Secondary English Education and Elementary Education. Below is the list of courses we discussed at our meeting in November. I made the suggested changes to the proposed checksheets and I have attached them. I am also told that an email reply is sufficient to submit. Thank you so much.
>
> **Secondary English**
> Pathways:
>   ENGL 1105 First-Year Writing
>   ENGL 1106 First-Year Writing
>   ENGL 2744 Intro to Creative Writing
>   ENGL/WGS 3134 Gender and Linguistics
>   ENGL/RLCL/SOC 3144 Language and Ethnicity in the US
>   ENGL 4164 Shakespeare
> Major Requirements:
>   ENGL 2604 Introduction to Critical Reading
>   ENGL 2534 American Literary History
>   ENGL 2544 British Literary History
>   ENGL 3324 Acts of Interpretation
>   ENGL 3514 Ethnic Literature for Children
>   ENGL 3694 Topics in World Novels
>   ENGL 3734 Community Writing
>   ENGL 4054 History of the English Language
> Restricted Electives (select from these choices):
>   ENGL 3315 Playwriting
>   ENGL 3714 Creative Writing: Poetry
>   ENGL 3764 Technical Writing
>   ENGL 3704 Creative Writing: Fiction
>   ENGL 3724 Creative Writing: Creative Non-Fiction
>   ENGL 3804 Technical Editing and Style
>   ENGL/AFST 2644 Intro to African Amer. Literature
>   ENGL 3364 Topics in Literature by Women
>   ENGL 3624 Appalachian Literature
>   ENGL/AINS 2804 Contemporary Native American Literature
>   ENGL 3514 Ethnic Literature for Children
>   ENGL 3654 Ethnic American Literature
> _____
>
> **Elementary Education**, we are asking for the following courses to be included as Pathways requirements.
>   ENGL 1105 First-Year Writing
>   ENGL 1106 First-Year Writing
>
>
> On Thu, Dec 5, 2019 at 1:41 PM Dawn Knight <dknight1@vt.edu> wrote:
> > Hi Dr Eska,

English Courses on Education Checksheets

2 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 11:25 AM
To: Laura Ferguson <lauraf92@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hi Laura,
I am currently putting together program proposals for Career and Technical Education which includes 4 majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. I was hoping to get written support from your department allowing us to include ENGL 1105 and 1106 as Pathways on our graduation checksheets.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

PEAP Information

Schedule an Appointment

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404 Wallace Hall (0565)
(540)231-6496 dknight1@vt.edu
Doctoral Candidate: Curriculum and Instruction
NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Derek Mueller <dmueller@vt.edu>   Wed, Jul 15, 2020 at 12:51 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Ferguson, Laura" <lauraf92@vt.edu>, "Mukuni, Joseph" <mjoseph7@vt.edu>, "Mooney, Jennifer" <jenmoon@vt.edu>

Hi Dawn,

Yes, please do go ahead and list ENGL1105 and ENGL1106 on your check sheets. Both classes are approved for Pathways Discourse. If you would like to have any additional information about those courses (e.g., curriculum maps or sample syllabi), let me know, and I will provide them.

All the best,

Derek

VIRGINIA TECH

Re: English Courses on Education Checksheets

Jennifer Sano-Franchini <sanojenn@vt.edu>   Fri, Jul 31, 2020 at 5:29 PM
To: Dawn Knight <dknight1 @vt.edu>

Hi Dawn,

In that case yes, please feel free to list Writing and Digital Media on the Business and Information Technology Education major checksheet.

All the best,
Jennifer

> On Fri, Jul 31, 2020 at 11:47 AM Dawn Knight <dknight1 @vt.edu> wrote:
>> Of course,
>> We expect between 5 and 10 students per year at most. We currently have only 1 or 2 come into the grad program. We hope offering it at the undergrad level will increase interest but it will not be huge numbers.
>>
>>> On Fri, Jul 31, 2020 at 10:57 AM Jennifer Sano-Franchini <sanojenn@vt.edu> wrote:
>>> Thanks, Derek, for looping me in.
>>>
>>> Dawn, do you know how many students are in the major and about how many would be taking Writing and Digital Media each term? Would it be a required course? Just want to make sure we have enough sections available and folks to teach them.
>>>
>>> All the best,
>>> Jen
>>>
>>>> On Thu, Jul 30, 2020 at 2:50 PM Derek Mueller <dmueller@vt.edu> wrote:
>>>> Hi Dawn,
>>>>
>>>> I'm not the best person for addressing the check sheet status of that particular class, since it is a course in the department's core and also in the Professional and Technical Writing Program, which Jen Sano-Franchini directs. I've cc'ed her on this message so she can confirm our interest in having that class listed for Business and Information Technology Majors.
>>>>
>>>> All the best,
>>>>
>>>> Derek
>>>>
>>>>> On Thu, Jul 30, 2020 at 2:45 PM Dawn Knight <dknight1 @vt.edu> wrote:
>>>>> Thank you.
>>>>> Are you also the person to ask about **ENGL 3844 Writing and Digital Media**? It appears to be a good match for our **Business and Information Technology Education** majors.
>>>>>
>>>>>> On Thu, Jul 30, 2020 at 1:06 PM Derek Mueller <dmueller@vt.edu> wrote:
>>>>>> Hi Dawn,
>>>>>>
>>>>>> Yes, we are in support of having ENGL1105 and ENGL1106 listed on the Mathematics Education advising/graduation checksheets.
>>>>>>
>>>>>> All the best,
>>>>>>
>>>>>> Derek
>>>>>>
>>>>>>> On Thu, Jul 30, 2020 at 12:14 PM Dawn Knight <dknight1 @vt.edu> wrote:
>>>>>>> Hi Derek,

Request to Include HORT and ENSC Courses on Education Checksheet

2 messages

Dawn Knight <dknight1@vt.edu>   Tue, Jul 28, 2020 at 3:57 PM
To: "Benjamin F. Tracy" <bftracy@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Hello Dr. Tracy,
Thank you for the recent note allowing us to include CSES courses on our new **Agricultural Education** graduation checksheet. We have received some feedback about the content required by VDOE to approve our licensure program and I am reaching out to ask for support for additional courses within your department.

I am hoping to get written support from your department allowing us to include the following**:**
    HORT 2164 Floral Design
    HORT 2224 Horticulture Science and Industry
    ENSC 1015 Foundations of Environmental Science
    ENSC 3604 Fundamentals of Environmental Science

I am told that if you are willing to agree, an email response to that effect is sufficient.

Also, in order to be an approved educator preparation program, we are required to submit documentation to the VDOE. Based on the catalog descriptions, I believe these courses would benefit our students so I am also requesting recent syllabi to document the content covered.

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Benjamin F.Tracy <bftracy@vt.edu>   Thu, Jul 30, 2020 at 1:09 PM
To: Dawn Knight <dknight1@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Yes, I agree to the inclusion of these courses in the proposed curriculum. Let me know if you need anything else.
Thanks!
[Quoted text hidden]

FIN Courses on Education Checksheet

3 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 2:41 PM
To:vs@vt.edu
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr. Singal,
I am currently putting together an undergraduate curriculum committee program proposal for a new **Business and Information Technology Education** major and I was hoping to get written support from your department allowing us to include **FIN 3054 Legal and Ethical Environment of Business** and **FIN 3124: Financial Planning for Professionals** on the graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the rightdirection?

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Vijay Singal <singal@vt.edu>   Wed, Jul 15, 2020 at 3:13 PM
To: Dawn Knight <dknight1@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>, "Russell, Robin" <rrussell@vt.edu>, Crystal Haun<crystaldawn@vt.edu>

Hello Dawn:

Yes, the Finance department will allow students from the new major to take FIN 3054 and FIN 3124. No additional resources are required. However, I hope you are aware that the major, Business and Information Technology, already exists in the Pamplin College of Business. I don't know whether adding "Education" is sufficiently distinctive.

Vijay

Vijay Singal
Department Head of Finance and J Gray Professor of Finance
VirginiaTech, vs@vt.edu
540-231-7750 (d), 540-231-5904 (o), 540-818-4089 (c)

VIRGINIA TECH™

FIN Courses on Education Checksheet

Vijay Singal <singal@vt.edu>   Thu, Aug 6, 2020 at 10:25 PM
To: Dawn Knight <dknight1@vt.edu>

Dawn:

The Finance department has no objection to your adding FIN 2114 as a course for the BIT Education checksheet. No additional resources are needed. Please note that this course is also a Pathways 5f course (CLE Area 5).

Vijay

Vijay Singal
Department Head of Finance and J Gray Professor of Finance
Virginia Tech, vs@vt.edu
540-231-7750 (d), 540-231-5904 (o), 540-818-4089 (c)

[Quoted text hidden]

FREC Courses on Education Checksheets

Jay Sullivan <jsulliv@vt.edu>   Fri, Jul 24, 2020 at 9:17 AM
To: "Bodenhorn, Nancy" <nanboden@vt.edu>
Cc: "Williams, Mary" <masmith5@vt.edu>, "Knight, Dawn" <dknight1@vt.edu>, Melissa Cumbia <mlchen@vt.edu>

Nancy,

We are happy to have FREC 2004 Forest Ecosystems included on the Ag Education major checksheet. However, we are unwilling to allow FREC 3004 Environmental Informatics to be included, because it is a major cohort course for our Environmental Informatics major, and we believe having more than a small number of other majors who are not wholly invested in the topic would be disruptive to the aims of the course. Also, we are seeking to add prerequisites to the course, to make sure the students have sufficient background in calculus and data analysis needed to be successful in this course. We don't believe that the course would be suitable for Ag Education students going forward.

I'm sorry for the delay, as I sought input from our faculty involved in these courses and our majors.

Jay

Jay Sullivan
Professor and Department Head
Department of Forest Resources and Environmental Conservation
College of Natural Resources and Environment
Virginia Tech
jsulliv@vt.edu, 540-231-4356

[Quoted text hidden]

Request to Include additional FREC Courses on Education Checksheet
2 messages

Dawn Knight <dknight1@vt.edu>   Tue, Jul 28, 2020 at 4:06PM
To: Jay Sullivan <jsulliv@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Hello Dr. Sullivan,
Thank you for the recent note allowing us to include FREC 2004 on our new **Agricultural Education** graduation checksheet. Also for the heads up about FREC 3004 not being appropriate for our program. Based on further exploration, I believe these courses would better meet our needs.
> **FREC 1004 Digital Planet**
> **FREC 2554 Leading Global Sustainability**
I am told that if you are willing to provide written support for these, an email response to that effect is sufficient.

Thanks again!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Jay Sullivan <jsulliv@vt.edu>   Wed, Jul 29, 2020 at 11:29AM
To: Dawn Knight <dknight1@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Dawn,

We are willing to have FREC 1004 Digital Planet and FREC 2554 Leading Global Sustainability included on the Agricultural Education checksheet as restricted electives. Please be aware that hose courses often fill up, so we may have to place priority on the enrollment of our own students. Where adequate room exists, we would be happy to have your students in those courses.

Jay

Jay Sullivan
Professor and Department Head
Department of Forest Resources and Environmental Conservation
College of Natural Resources and Environment
Virginia Tech
jsulliv@vt.edu, 540-231-4356

[Quoted text hidden]

VIRGINIA TECH.

Updated: Geography Courses on History and Social Sciences Education proposed Checksheet
2 messages

Dawn Knight <dknight1@vt.edu>   Thu, Jul 23, 2020 at 10:14PM
To: "Crawford, Tom" <tomc3@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, David Hicks <hicks@vt.edu>

Hello Dr. Crawford,
I apologize for having to ask you to do this a second time, however, while we were completing our curriculum matrices for the VDOE, we realized there were changes to the competencies for certain teacher licensure areas. Dr. Hicks has made changes to the checksheet to cover the new competencies and I am writing to ask for a new letter of support allowing us to list courses from your department on our graduation checksheet for the History and Social Sciences Education major.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Pathways and Restricted Electives
     GEOG 1014 World Regions (as Pathways)
     GEOG 1084 (FREC 1004): Digital Planet (as Pathways)
     GEOG 1104 Introduction to Physical Geography
     GEOG 1004 Introduction to Human Geography
     GEOG 2314: Maps and Mapping

Please let me know if you have any questions and, as always, thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

HokIe TEACH!
VIRGINIA TECH.

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Crawford, Tom <tomc3@vt.edu>   Tue, Jul 28, 2020 at 4:11PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Hicks, David" <hicks@vt.edu>

Dawn,

With this email I am stating my support for inclusion of Geography courses in your proposed checksheet stated in your email below.

Sincerely,

Tom Crawford

Tom Crawford, PhD

Department Chair & Professor

Department of Geography

(540) 231-7216 | tomc3@vt.edu

 VIRGINIA TECH.

Request to include course on History and Social Sciences Education Checksheet

2 messages

Dawn Knight <dknight1@vt.edu>   Thu, Aug 6, 2020 at 8:47 PM
To: "Crawford, Tom" <tomc3@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, David Hicks <hicks@vt.edu>

Hello Dr. Crawford,
Thank you for the email supporting our inclusion of other GEOG courses. As you know, I am putting together a program proposal for a new undergraduate **History and Social Sciences Education** major and I am now requesting written support allowing us to include **PSCI/GEOG/IS 2064: The Global Economy and World** as a Pathways course on our graduation checksheet.

Because the course is cross-listed, folks in PSCI have suggested that I verify with you, as well. I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions and thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Crawford, Tom <tomc3@vt.edu>   Thu, Aug 6, 2020 at 10:00 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Hicks, David" <hicks@vt.edu>

Dawn,

With this email I agree to include the course GEOG 2064 The Global Economy and World in your proposed major. This course is not taught by a Geography faculty but is crosslisted under the GEOG prefix.

Sincerely,

Tom Crawford

Tom Crawford, PhD

Department Chair & Professor

Department of Geography

VIRGINIA TECH.

Updated: History Courses on History and Social Sciences Education proposed Checksheet

3 messages

Dawn Knight <dknight1@vt.edu>   Thu, Jul 23, 2020 at 10:14 PM
To: Brett Shadle <shadle@vt.edu>
Cc: David Hicks <hicks@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>, Heath Furrow <hafurrow@vt.edu>

Hello Dr. Shadle,
I apologize for having to ask you to do this a second time, however, while we were completing our curriculum matrices for the VDOE, we realized there were changes to the competencies for certain teacher licensure areas. Dr. Hicks has made changes to the checksheet to cover the new competencies and I am writing to ask for a new letter of support allowing us to list courses from your department on our graduation checksheet for the History and Social Sciences Education major.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Pathways and Restricted Electives
    HIST 1115 History of the United States (as Pathways)
    HIST 1116 History of the United States (as Pathways)
    HIST 2004 Historical Methods (or PSCI 2024)
    HIST 3205 or 3206 History of US South or HIST 3224 History of Virginia
    HIST 1215 Intro to World History
    HIST 1216 Intro to World History
    HIST 3114 History of Capitalism (or PSCI 2064)

Depth Electives (*students will select two*)
    HIST 2275/2276 African-American History
    HIST 3144: American Environmental History
    HIST 3564: The Cold War
    HIST 1515 or 1516 History of Africa I or II
    HIST 2104 Topics and Critical Issues in U.S. History
    HIST 2114 Topics Critical Issues in European History
    HIST 2124 Topics Critical Issues in World History
    HIST 2345 History of the Middle East
    HIST 2355 History of China
    HIST 2364 History of Japan
    HIST 2384 Ghandi and Modern India
    HIST 2715 History of Technology
    HIST3004 Colonial America
    HIST 3014 The American Revolution
    HIST 3054 American Civil War
    HIST 3064 Emergence of Modern America
    HIST 3084 Recent America
    HIST 3234 The North American West
    HIST 3304 The World of Alexander the Great
    HIST 3334 The Renaissance
    HIST 3344 The Era of Reformation
    HIST 3364 Age of Revolution and Napoleon
    HIST 3544 World War II
    HIST 3554 Age of Globalization
    HIST 3714 War and Medicine
    HIST 3774 Digital History

Please let me know if you have any questions and, as always, thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Doctoral Candidate: Curriculum and Instruction
NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Brett Shadle <shadle@vt.edu>   Thu, Jul 30, 2020 at 2:09 PM
To: Dawn Knight <dknight1@vt.edu>
Cc: David Hicks <hicks@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>, Heath Furrow <hafurrow@vt.edu>

Hi Dawn,

History is fine with you listing these courses on the checksheet.

Thanks
Brett

VT VIRGINIA TECH™

Request to Include HIST course on FCS Checksheet

2 messages

Dawn Knight <dknight1@vt.edu>   Thu, Jul 30, 2020 at 4:36 PM
To: Brett Shadle <shadle@vt.edu>

Hi Brett,
Me again :). The School of Education would like to include **HIST 2604 Intro Data in Social Context** as a Pathways course for **Family and Consumer Sciences Education majors**. We expect fewer than 10 students per year, and this would be one of three options for concept 5f.
Thank you.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Doctoral Candidate: Curriculum and Instruction
NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Brett Shadle <shadle@vt.edu>   Fri, Jul 31, 2020 at 8:23 AM
To: Dawn Knight <dknight1@vt.edu>, Dennis Halpin <dphalpin@vt.edu>, Heath Furrow <hafurrow@vt.edu>

Hi Dawn,

The History Department is fine with 2604 being added to the checksheet.

Thanks
Brett

Brett L. Shadle
Professor and Chair
Department of History
Core faculty ASPECT
431 Major Williams (0117)
Virginia Tech*
Blacksburg VA 24061

Tutelo/Monacan people are the traditional custodians of this land

[Quoted text hidden]

VT **VIRGINIA TECH.**

HNFE Courses on Education Checksheet

Bodenhorn, Nancy <nanboden@vt.edu>   Thu, Aug 20, 2020 at 4:37 PM
To:"Knight, Dawn"<dknight1@vt.edu>

From: Dustin Read <dcread@vt.edu>
Sent: Thursday, August 20, 2020 4:07 PM
To: Eaton, Renee <rselberg@vt.edu>
Cc: Bodenhorn, Nancy <nanboden@vt.edu>
Subject: Re: HNFE Courses on Education Checksheet

Renee and Nancy,

Thanks for including me in this email trail. As an FYI, CLAHS has informed our department that we have to continue admitting students to the FCS program for the remainder of this year until it can be formally taken off the books. We will then implement a wrap-up plan for the enrolled students, which shouldn't be hard because none of the classes we offer in that program are going away. We are in full support of your program and will be happy to do anything we can to help through this period of transition.

Best,

Dustin

On Thu, Aug 20, 2020 at 3:10 PM Eaton, Renee <rselberg@vt.edu> wrote:

HiNancy,

At the HNFE Faculty meeting today, the vote passed to include HNFE 1004 on the checksheet for the new Family and Consumer Sciences Education program. Please accept this email as our support for this program.

Renee

Renee S. Eaton, MS, MS, LAT

Undergraduate Program Director and Advanced Instructor

Human Nutrition, Foods and Exercise

295 West Campus Drive

Blacksburg VA 24061

540.231.5987 r.eaton@vt.edu

HTM Courses on Education Checksheets

3 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 2:00 PM
To: "McGehee, Nancy" <nmcgehee@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr. McGehee,
I am putting together undergraduate curriculum committee program proposals for new Education majors and I was hoping to get written support from your department allowing us to include courses on our graduation checksheets. Currently we are submitting proposals for Career and Technical Education which includes four proposed majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. The following have requested permission to include courses from your department on graduation checksheets.

I am told that if you are willing to agree, an email reply to that effect is sufficient.

Agricultural Education
        HTM 3424 Events Management (as Pathways Requirement)

Bsiness and Information Technology Education
        HTM 3424 Events Management (as Pathways Requirement)

Family and Consumer Sciences Education
        HTM 3414 Food Preparation, Purchasing and Management

Marketing Education
        HTM 3424 Events Management (as Pathways Requirement)

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction? Thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

McGehee, Nancy <nmcgehee@vt.edu>   Fri, Jul 17, 2020 at 12:35 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Mukuni, Joseph" <mjoseph7@vt.edu>

Thanks for your patience, Dawn,

Yes, I approve and agree with this change.

Nancy

Nancy G McGehee

Professor and Head

Howard Feiertag Department of Hospitality and Tourism Management

Pamplin College of Business

VIRGINIA TECH.

HTM Courses on Education Checksheets

McGehee, Nancy <nmcgehee@vt.edu>   Fri, Aug 7, 2020 at 9:29 AM
To: "Knight, Dawn" <dknight1@vt.edu>

Hello Dawn,

I approve.

Nancy

From: Dawn Knight <dknight1@vt.edu>
Sent: Thursday, August 6, 2020 10:04 PM
To: McGehee, Nancy <nmcgehee@vt.edu>
Subject: Re: HTM Courses on Education Checksheets

Hello again Dr. McGehee,
We have been revising our proposals based on feedback and would like to add **HTM 2314 Introduction to International Business** to our **BIT Education** checksheet.

Thank you for your time,

Dawn

On Fri, Jul 17, 2020 at 12:35 PM McGehee, Nancy <nmcgehee@vt.edu> wrote:

> Thanks for your patience, Dawn,
>
> Yes, I approve and agree with this change.
>
> Nancy
>
> Nancy G McGehee
>
> Professor and Head
>
> **Howard Feiertag Department of Hospitality and Tourism Management**
>
> **Pamplin College of Business**
>
> **540 231 1201**

Box 0429
RM 362A Wallace Hall
295 West Campus Drive

Virginia Tech
Blacksburg VA 24061

From: Dawn Knight <dknight1@vt.edu>
Sent: Wednesday, July 15, 2020 6:39 PM
To: McGehee, Nancy <nmcgehee@vt.edu>
Cc: Bodenhorn, Nancy <nanboden@vt.edu>; Mukuni, Joseph <mjoseph7@vt.edu>
Subject: Re: HTM Courses on Education Checksheets

Hi Nancy,

The courses will be required, but these are anticipated to be the same students who currently take these as prerequisites to our graduate program. We are shifting the licensure program to an undergraduate model and anticipate roughly 10-15 per year.

On Wed, Jul 15, 2020 at 6:00 PM McGehee, Nancy <nmcgehee@vt.edu> wrote:

> Hello Dawn—
>
> Thanks for reaching out. Can you provide some additional information? Are these courses going to be required or would they be part of a suite of options? About how many students would we expect to take on?
>
> Thanks much,
>
> Nancy
>
> ---
>
> **From:** Dawn Knight <dknight1@vt.edu>
> **Sent:** Wednesday, July 15, 2020 2:01 PM
> **To:** McGehee, Nancy <nmcgehee@vt.edu>
> **Cc:** Bodenhorn, Nancy <nanboden@vt.edu>; Mukuni, Joseph <mjoseph7@vt.edu>
> **Subject:** HTM Courses on Education Checksheets
>
> Hello Dr. McGehee,
>
> I am putting together undergraduate curriculum committee program proposals for new Education majors and I was hoping to get written support from your department allowing us to include courses on our graduation checksheets. Currently we are submitting proposals for Career and Technical Education which includes four proposed majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. The following have requested permission to include courses from your department on graduation checksheets.

VIRGINIA TECH

Mathematics Department
225 Stanger Street
460 McBryde Hall
Blacksburg, VA 24061
Ph: (540) 231-6536
Fax: (540) 231-5960

August 11, 2020

Nancy Bodenhorn
Associate Director, Office of Academic Programs
Associate Professor, Counselor Education
404 Wallace Hall
School of Education
Virginia Tech

Dear Professor Bordenhorn:

The Department of Mathematics supports the School of Education proposals for Secondary Math Education as well as Career and Technical Education which includes four majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. The following MATH courses are included:

Secondary Mathematics Education
MATH 1225 Calculus of a Single Variable (as Pathways)
MATH 1226 Calculus of a Single Variable (as Pathways)
MATH 3054 Programming for Mathematical Problem Solving (1 of 4 options for Computer Programming)
MATH 1004 Discovering Mathematics I
MATH 1044 Discovering Mathematics II
MATH 2114 Introduction to Linear Algebra
MATH 2204 Introduction to Multivariable Calculus
MATH 3034 Introduction to Proofs
MATH 3124 Modern Algebra MATH
4044 History of Mathematics MATH
4334 College Geometry
MATH 4625 Mathematics for Secondary Teachers
MATH 4626 Mathematics for Secondary Teachers
MATH 3224: Advanced Calculus

Career and Technical Education *(Business and Information Technology and Marketing)*
MATH 1524 Business Calculus (as Pathways and pre-req)

We expect to be able to teach these courses with no new recourses.

Best regards,

Robert C. Rogers
Professor and Associate Chair

![Virginia Tech logo]

MGT Courses on Education Checksheets

5 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 2:11PM
To: devi@vt.edu
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr. Gnyawali,
I am putting together undergraduate curriculum committee program proposals for new Education majors and I was hoping to get written support from your department allowing us to include courses on our graduation checksheets. Currently we are submitting proposals for Career and Technical Education which includes four proposed majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. The following have requested permission to include courses from your department on graduation checksheets.

I am told that if you are willing to agree, an email reply to that effect is sufficient.

Business and Information Technology Education
        MGT 3444 Multicultural Diversity in Organizations (as Pathways Requirement)
        MGT 3304 Management Theory and Leadership Practice

Family and Consumer Sciences Education
        MGT 3444 Multicultural Diversity in Organizations (as Pathways Requirement)

Marketing Education
        MGT 3444 Multicultural Diversity in Organizations (as Pathways Requirement)

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction? Thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Gnyawali, Devi <devi@vt.edu>   Fri, Jul 17, 2020 at 12:27PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Mukuni, Joseph" <mjoseph7@vt.edu>

Thank you for the explanation. With the expected enrollments you noted, you have my approval to include MGT 3444 in the checksheets.

Devi

From: Dawn Knight <dknight1@vt.edu>
Sent: Friday, July 17, 2020 10:30 AM
To: Gnyawali, Devi <devi@vt.edu>
Cc: Bodenhorn, Nancy <nanboden@vt.edu>; Mukuni, Joseph <mjoseph7@vt.edu>
Subject: Re: MGT Courses on Education Checksheets

Only three of the four have requested MGT 3444 as a Pathways requirement, and combined I would expect those to include fewer than 10-15 students per year based on current numbers. Of the four CTE majors, Ag Ed is the largest and they utilize a different diversity-focused course.

On Thu, Jul 16, 2020 at 5:58 PM Gnyawali, Devi <devi@vt.edu> wrote:

> Please let me know expected enrollments in each of the four proposed majors. Do you really want/need the same course for all?
>
>
> Best regards
>
>
> Devi R. Gnyawali, Ph.D.
>
> Department Head and R. B. Pamplin Professor
>
> Department of Management (mail code 0233), 2007 Pamplin Hall
>
> 880 West Campus Drive, Blacksburg, VA 24061
>
> Email: devi@vt.edu
>
> Phone: 540-231-6353
>
> https://management.pamplin.vt.edu/directory/gnyawali-devi.html
>
> VT | PAMPLIN COLLEGE OF BUSINESS MANAGEMENT VIRGINIA TECH.
>
> [Quoted text hidden]

[Quoted text hidden]

Dawn Knight <dknight1@vt.edu>　　　　　　　　　　　　　　　　　　　Fri, Jul 17, 2020 at 12:34 PM
To: "Gnyawali, Devi" <devi@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Mukuni, Joseph" <mjoseph7@vt.edu>

Thank you! And also MGT 3304 Management Theory and Leadership Practice only for the BIT majors (5-ish per year)?
[Quoted text hidden]

Gnyawali, Devi <devi@vt.edu>　　　　　　　　　　　　　　　　　　　Fri, Jul 17, 2020 at 12:48 PM
To: "Knight, Dawn" <dknight1@vt.edu>

Sure, that will be fine. We have capacity in MGT 3304

Best regards

Devi

Devi R. Gnyawali, Ph.D.
Department Head and R.B. Pamplin Professor of Management
2007 Pamplin Hall, Department of Management, Virginia Tech

> On Jul 17, 2020, at 12:35 PM, Dawn Knight <dknight1@vt.edu> wrote:
>
>
> [Quoted text hidden]

Dawn Knight <dknight1@vt.edu>　　　　　　　　　　　　　　　　　　　Fri, Jul 17, 2020 at 12:57 PM
To: "Gnyawali, Devi" <devi@vt.edu>

Great, thanks!
[Quoted text hidden]

MGT Courses on Education Checksheets

Gnyawali, Devi <devi@vt.edu>   Mon, Aug 10, 2020 at 5:44 PM
To: "Knight, Dawn" <dknight1@vt.edu>

Sure, you have my approval to include MGT 3304 to the checksheet.

Thank you

Devi

From: Dawn Knight <dknight1@vt.edu>
Sent: Monday, August 10, 2020 5:30 PM
To: Gnyawali, Devi <devi@vt.edu>
Subject: Re: MGT Courses on Education Checksheets

Hello Again Dr. Gnyawali,

It appears as though the Marketing Education majors could also benefit from the course **MGT 3304 Management Theory and Leadership Practice**. We do not expect more than 3 or 4 students to choose this option. Would it be OK to add this course to our **Marketing Education** checklist as well?

On Fri, Jul 17, 2020 at 12:48 PM Gnyawali, Devi <devi@vt.edu> wrote:

Sure, that will be fine. We have capacity in MGT 3304

Best regards

Devi

Devi R. Gnyawali, Ph.D.

Department Head and R.B. Pamplin Professor of Management

2007 Pamplin Hall, Department of Management, Virginia Tech

On Jul 17, 2020, at 12:35 PM, Dawn Knight <dknight1@vt.edu> wrote:

VIRGINIA TECH.

MGT Courses on Education Checksheets

Gnyawali, Devi <devi@vt.edu>   Fri, Aug 7, 2020 at 9:56 AM
To: "Knight, Dawn" <dknight1@vt.edu>

Hi Dawn,

You have my permission to include MGT 2064 to the list. At this point I cannot allow inclusion of MGT 1104 due to capacity constraints. Thank you

Devi

From: Dawn Knight <dknight1@vt.edu>
Sent: Thursday, August 6, 2020 9:36 PM
To: Gnyawali, Devi <devi@vt.edu>
Subject: Re: MGT Courses on Education Checksheets

Hello again, Dr. Gnyawali,

We have been working on some feedback regarding our proposed majors and would like to ask for permission to also include **MGT 1104 Foundations of Business** and **MGT 2064 Foundations Entrepreneurship** on our **Business and Information Technology Education** majorchecksheet.

I would also like to ask if there is a contact in the School of Business who could provide some feedback on our Marketing Ed and BIT Ed proposals. We think it is important to work closely with the faculty who provide students with their content courses.

> On Fri, Jul 17, 2020 at 12:34 PM Dawn Knight <dknight1@vt.edu> wrote:
>
> Thank you! And also MGT 3304 Management Theory and Leadership Practice only for the BIT majors (5-ish per year)?
>
> > On Fri, Jul 17, 2020 at 12:27 PM Gnyawali, Devi <devi@vt.edu> wrote:
> >
> > Thank you for the explanation. With the expected enrollments you noted, you have my approval to include MGT 3444 in the checksheets.
> >
> > Devi

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Marketing Courses on Education Checksheets

2 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 12:04 PM
To: rbagchi@vt.edu
Cc: Nancy Bodenhorn <nanboden@vt.edu>, "Dr. Joseph Mukuni" <mjoseph7@vt.edu>

Hello Dr. Bagchi,
I am putting together undergraduate curriculum committee program proposals for new Education majors and I was hoping to get written support from your department allowing us to include courses on our graduation checksheets. Currently we are submitting proposals for Career and Technical Education which includes four proposed majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. The following have requested permission to include courses from your department on graduation checksheets.

I am told that if you are willing to agree, an email reply to that effect is sufficient.

Marketing Education
      MKTG 3104 Marketing Management
      MKTG 3504 Principles of Advertising
      MKTG 4204 Consumer Behavior
      MKTG 4604 Retail Management
      MKTG 4554 Relationships Among Buyers & Sellers
      MKTG 4704 International Marketing
      MKTG 4774 Advanced Professional Selling

Business and Information Technology Education
      MKTG 3104 Marketing Management

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?   Thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Bagchi, Rajesh <rbagchi@vt.edu>   Wed, Jul 15, 2020 at 12:29 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>, "Mukuni, Joseph" <mjoseph7@vt.edu>, "Blankenship, Misty" <jeblanke@vt.edu>

Hello Dawn,

Yes, I approve this. Thank you.

Best regards,

Rajesh

[Quoted text hidden]

Rajesh

[Quoted text hidden]

VIRGINIA TECH.   Dawn Knight <dknight1@vt.edu>

Request to include PHIL course on Family and Consumer Sciences Education Checksheet

2 messages

Dawn Knight <dknight1@vt.edu>   Thu, Jul 30, 2020 at 11:25 PM
To: jcpitt@vt.edu
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Hello Dr. Pitt,
I am putting together a program proposal for a new undergraduate **Family and Consumer Sciences Education** major and I was hoping to get written support from the **Department of Philosophy** allowing us to include **PHIL 2304 Global Ethics** as a Pathways course on our graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions and thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Pitt, Joseph <jcpitt@vt.edu>   Fri, Jul 31, 2020 at 3:59 PM
To: "Knight, Dawn" <dknight1@vt.edu>

Hi Dawn,

I am delighted you want to include PHIL 2304 on your graduation check sheet for your new major. We certainly support it.

Best wishes,

Joe

****

Joseph C. Pitt

Request to include PHIL course on Family and Consumer Sciences Education Checksheet

Pitt, Joseph <jcpitt@vt.edu>   Fri, Aug 7, 2020 at 8:07AM
To: "Knight, Dawn" <dknight1@vt.edu>

Hi Dawn,

No questions, happy to support.

Joe

****

Joseph C. Pitt

Professor of Philosophy & STS

ASPECT Affiliate

Director of Undergraduate Studies

Department of Philosophy

Virginia Tech

From: Dawn Knight <dknight1@vt.edu>
Date: Thursday, August 6, 2020 at 9:29 PM
To: Pitt Cell <jcpitt@vt.edu>
Subject: Re: Request to include PHIL course on Family and Consumer Sciences Education Checksheet

Thank you, Dr. Pitt!

I have also been working on other Career and Technical Education majors and would appreciate support for the following; **Business and Information Technology Education** would like to include **PHIL 2304 Global Ethics** and **Marketing Education** would like to include **PHIL 4324 Bus and Prof Ethics.** Please let me know if you have any questions and thank you for your time.

On Fri, Jul 31, 2020 at 4:00 PM Pitt, Joseph <jcpitt@vt.edu> wrote:

> Hi Dawn,
>
> I am delighted you want to include PHIL 2304 on your graduation check sheet for your new major. We certainly support it.
>
> Best wishes,
>
> Joe

VT VIRGINIA TECH.

Updated: Political Science Courses on History and Social Sciences Education proposed Checksheet

3 messages

Dawn Knight <dknight1@vt.edu>   Thu, Jul 23, 2020 at 10:14PM
To: Timothy Luke <twluke@vt.edu>
Cc: David Hicks <hicks@vt.edu>, "Thomas, Courtney" <copowell@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>

Hello Dr. Luke,
I apologize for having to ask you to do this a second time, however, while we were completing our curriculum matrices for the VDOE, we realized there were changes to the competencies for certain teacher licensure areas. Dr. Hicks has made changes to the checksheet to cover the new competencies and I am writing to ask for a new letter of support allowing us to list courses from your department on our graduation checksheet for the History and Social Sciences Education major.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Pathways and Restricted Electives
        PSCI/ECON/PHIL 2894 Introduction Philosophy, Politics, and Economics (as Pathways)
        PSCI/GEOG/IS 2064: The Global Economy and World (as Pathways)
        PSCI 1014 Intro to US Government and Politics (as Pathways)
        PSCI 2024 Research Methods in Political Science (or HIST 2004)

Depth Electives (*students will select two)*
        PSCI/IS 1024 Introduction to Comparative Government and Politics
        PSCI 3424 State and Local Government
        PSCI 3334 Judicial Process
        PSCI 2014 Introduction to Political Theory
        PSCI/PHIL 3015/3016 Political Theory

Please let me know if you have any questions and, as always, thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Timothy Luke <twluke@vt.edu>   Thu, Aug 6, 2020 at 3:58PM
To: Dawn Knight <dknight1@vt.edu>, Timothy Luke <twluke@vt.edu>

Dawn:

I believe that I responded last year in November and December. All of the IS and
PSCI courses are acceptable for us to included in the your check sheets, but I believe
you will need to get confirmations on the cross-listed courses from ECON, GEOG and PHIL.

Those courses are:

PSCI/ECON/PHIL 2894 Introduction Philosophy, Politics, and Economics (as Pathways)
PSCI/GEOG/IS 2064: The Global Economy and World (as Pathways)
PSCI/PHIL 3015/3016 Political Theory

I agree that these IS and PSCI options would be good to include in your updated check sheets.

Best,

Tim Luke

On Thu, Aug 6, 2020 at 3:44 PM Dawn Knight <dknight1@vt.edu> wrote:
> Hi Dr. Luke,
> Did you receive my request? I can't find a reply.
> [Quoted text hidden]

Dawn Knight <dknight1@vt.edu>   Thu, Aug 6, 2020 at 4:01 PM
To: Timothy Luke <twluke@vt.edu>

We made some changes so I needed an updated OK from you guys. Thank you so much, I appreciate it :)
[Quoted text hidden]

VIRGINIA TECH.

Request to include PSYC course on Education checksheet

Roseanne Foti <rfoti@vt.edu>   Sun, Aug 23, 2020 at 12:59 PM
To: Dawn Knight <dknight1@vt.edu>

Hello Dawn,

I approve of the inclusion of PSYC 2034: Developmental Psychology as an option.

Take care, Roseanne

Roseanne J. Foti, Ph.D.

Chair, Department of Psychology

Virginia Tech

540.231.5814 (voice)

rfoti@vt.edu

Please note: due to my personal family/work balance, I often email outside of normal working hours. Do not feel any pressure to respond outside of your own working pattern.

From: Dawn Knight <dknight1@vt.edu>
Sent: Thursday, August 20, 2020 10:02 PM
To: Roseanne Foti <rfoti@vt.edu>
Subject: Request to include PSYC course on Education checksheet

Hello Dr. Foti,

Thank you again, for allowing us to include your course on our Elementary Education checksheet last fall. Today I am writing to ask if we could also include **PSYC 2034: Developmental Psychology** as an option on our proposed **Career and Technical Education** major; **Family and Consumer Sciences Education** option checksheet. We do not anticipate more than 4 or 5 students to choose this licensure option each year, but for those who do, the content in your course meets VDOE licensure competencies.

Take care!

--

Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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VT **VIRGINIA TECH.**

Request to include RLCL course on Family and Consumer Sciences Education Checksheet
2 messages

Dawn Knight <dknight1@vt.edu>   Thu, Jul 30, 2020 at 11:25 PM
To: Matthew Gabriele <gabriele@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Hello again Dr. Gabriele,
I am putting together a program proposal for a new undergraduate **Family and Consumer Sciences Education** major and I was hoping to get written support from the **Department of Religion and Culture** allowing us to include **RLCL/WGS/AFST 2204 Race & Gender in Religion & Culture** as a Pathways course on our graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions and thank you for your time.

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Matthew Gabriele <gabriele@vt.edu>   Fri, Jul 31, 2020 at 9:32 AM
To: Dawn Knight <dknight1@vt.edu>
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Dawn,

Thanks for the note. The Dept. of Religion and Culture would be happy for RLCL/WGS/AFST 2204 to be included in your checksheet. This will require no new resources. Please let me know if you have any questions.

Best,
Matt Gabriele

--

Matthew Gabriele

Professor of Medieval Studies

Chair, Dept. of Religion & Culture

Virginia Tech

he/ him/ his

e: gabriele@vt.edu

p: +1.540.231.1618

http://profgabriele.com/

http://drinkinghistorians.com/

[Quoted text hidden]

VIRGINIA TECH.

Request to include RLCL course on History and Social Sciences Education Checksheet
2 messages

Dawn Knight <dknight1@vt.edu>   Thu, Jul 23, 2020 at 10:14 PM
To: Matthew Gabriele <gabriele@vt.edu>
Cc: David Hicks <hicks@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>

Hello Dr. Gabriele,
I am putting together a program proposal for a new undergraduate **History and Social Sciences Education** major and I was hoping to get written support from the **Department of Religion and Culture** allowing us to include **RLCL 1214: Medieval World** as an elective on our graduation checksheet.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions and thank you for your time.
--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Matthew Gabriele <gabriele@vt.edu>   Fri, Jul 24, 2020 at 8:24 AM
To: Dawn Knight <dknight1@vt.edu>
Cc: David Hicks <hicks@vt.edu>, Nancy Bodenhorn <nanboden@vt.edu>

Dawn,

Thanks for your email. The Department of Religion and Culture is happy to have RLCL 1214 included on this checksheet. It will require no new resources. Please let me know if you need anything else.

Best,
Matt Gabriele

--

Matthew Gabriele

Professor of Medieval Studies

Chair, Dept. of Religion & Culture

Virginia Tech

he/ him/ his

e: gabriele@vt.edu

p: +1.540.231.1618

http://profgabriele.com/

http://drinkinghistorians.com/

[Quoted text hidden]

VT VIRGINIA TECH.

Request to Include SBIO Course on Education Checksheet

2 messages

Dawn Knight <dknight1@vt.edu>   Tue, Jul 28, 2020 at 4:15 PM
To: garnandd@vt.edu
Cc: Nancy Bodenhorn <nanboden@vt.edu>

Hello Debbie,

I am currently putting together an undergraduate curriculum committee program proposal for a new **Agricultural Education** major and I was hoping to get written support from your department allowing us to include **SBIO 2614 Introduction to Forest Products Marketing** on the graduation checksheet to cover required licensure content in the area of "Production and management of the forest." We are expecting 10-15 students per year to select this option.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Also, as an approved educator preparation program, we are required to submit documentation to the VDOE. Based on the catalog descriptions, I believe this course would benefit our students so I am also requesting recent syllabi to document the content covered.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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Doctoral Candidate: Curriculum and Instruction
NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Huang, Ching-Hsun <chinghuang@vt.edu>   Wed, Jul 29, 2020 at 3:53 PM
To: "Bush, Robert" <rbush@vt.edu>
Cc: "Knight, Dawn" <dknight1@vt.edu>

Dear Dawn,

I am glad that Dr. Bush's class will be included in the Agricultural Education curriculum. Students will definitely benefit from his knowledge and expertise. I approve this request and please let me know if there is a form I need to sign.

Thank you.

Best wishes,

Ching

Ching-Hsun May Huang, Ph.D.

Department Head and Professor

Department of Sustainable Biomaterials

VT VIRGINIA TECH.

Request to Include SOC course on FCS Checksheet

Hawdon, James <hawdonj@vt.edu>   Tue, Aug 4, 2020 at 4:04 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>

Hello, Dawn.

If it is fewer than 10 students per year, we would enjoy having Family and Consumer Sciences Education majors in SOC 2104 and agree to it being included as an Pathways option for the major. The only issue for having more is that this course will be required of our majors beginning next year, so there will be high demand. Please let me know if you need anything further at this time. Good luck with your proposal.

Best,

Jim

James Hawdon

Professor

Interim Chair, Department of Sociology

Director, Center for Peace Studies and Violence Prevention

Virginia Tech

495 Old Turner St.

205a Norris Hall

Blacksburg, Virginia 24061

From: Dawn Knight [mailto:dknight1@vt.edu]
Sent: Tuesday, August 4, 2020 2:41 PM
To: Hawdon, James <hawdonj@vt.edu>
Cc: Bodenhorn, Nancy <nanboden@vt.edu>
Subject: Request to Include SOC course on FCS Checksheet

Hello Dr. Hawdon,

The School of Education would like to include **SOC 2104 Quantitative Community Research** as a Pathways course for **Family and Consumer Sciences Education** majors. We expect fewer than 10 students per year, and this would be one of two options for concept 5f.

I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility could you please point me in the right direction?

Thank you!

--

Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

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[Quoted text hidden]

Permission to include SOC prerequisites on checksheet

Hawdon, James <hawdonj@vt.edu>   Fri, Oct 9, 2020 at 8:35 AM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Bodenhorn, Nancy" <nanboden@vt.edu>

Hello, Dawn.

The Department of Sociology is pleased to have SOC 1004 Introduction to Sociology and SOC 2014 Sociology of Intimate Relationships included on the Career and Technical Education Major, in the Family and Consumer Sciences Option. We understand these courses will be included on the checksheet, and no new resources will be needed to accommodate these new students. A

Best,

James Hawdon

Professor

Interim Chair, Department of Sociology

Director, Center for Peace Studies and Violence Prevention

Virginia Tech

495 Old Turner St.

205a Norris Hall

Blacksburg, Virginia 24061

From: Dawn Knight [mailto:dknight1@vt.edu]
Sent: Thursday, October 8, 2020 4:45 PM
To: Hawdon, James <hawdonj@vt.edu>
Cc: Bodenhorn, Nancy <nanboden@vt.edu>
Subject: Permission to include SOC prerequisites on checksheet

Hello Dr. Hawdon,

Thank you for allowing us to include **SOC 3714 Sociology of Aging** and **SOC 4014 Sociology of the Family** on our **Career and Technical Education Major, Family and Consumer Sciences Option** checksheet. The registrar has suggested that we also include the prerequisite courses, **SOC 1004 Introduction to Sociology** and **SOC 2014 SOC 2014 Sociology of Intimate Relationships.**

Please reply to this email if that is acceptable.

Respectfully

--

Dawn Knight-Withers, MAEd

VT VIRGINIA TECH™

Request to Include SOC course on FCS Checksheet

Hawdon, James <hawdonj@vt.edu>   Wed, Aug 12, 2020 at 4:33 PM
To: "Knight, Dawn" <dknight1@vt.edu>
Cc: "Schaller, Samantha" <schaller@vt.edu>

Hello, Dawn.

Sociology is happy to have SOC 3714 Sociology of Aging and SOC 4014 Sociology of the Family included in the Family and Consumer Sciences Education majors to meet VDOE competencies.

Thanks,

[Quoted text hidden]

FW: Statistics Courses Required for New Education Majors

Bodenhorn, Nancy <nanboden@vt.edu> Mon, Jul 27, 2020 at 10:01 AM
To: "Knight, Dawn" <dknight1@vt.edu>

From: Dave Higdon <dhigdon@vt.edu>
Sent: Monday, July 27, 2020 9:14 AM
To: Bodenhorn, Nancy <nanboden@vt.edu>
Subject: Re: Statistics Courses Required for New Education Majors

Hi Nancy,

Thanks for the request. Yes, the Statistics Department supports including its courses in the graduation checksheets for the new majors.

As things evolve, let me know if students are having difficulty getting into 2004.

Best,

Dave Higdon

Head, Department of Statistics

On Sat, Jul 25, 2020 at 3:01 PM Bodenhorn, Nancy <nanboden@vt.edu> wrote:

Hello David,

Currently, I am putting together program proposals to send to the Undergraduate Curriculum Committee for new Education majors and I was hoping to get written support from your department allowing us to include courses on our graduation checksheets. I am told that if you are willing to agree, an email response to that effect is sufficient.

Currently we are submitting proposals for Math Education as well as Career and Technical Education which includes 4 majors; Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education.

 Secondary Mathematics Education (10-15 students double major in Math, so probably not an addition)

STAT 3005: Statistical Methods OR

STAT 3604: Statistics for Social Science

(as Pathways)

 All Career and Technical Education Majors (Ag Ed, BIT, FCS, and Marketing) (likely 20 – 25 students total)

STAT 2004: Introductory Statistics (as Pathways)

 Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?   Thank you for your time.

Thank you so much!

Nancy

VIRGINIA TECH.

STS Courses on Education Checksheets

2 messages

Dawn Knight <dknight1@vt.edu>   Wed, Jul 15, 2020 at 11:53 AM
To: dbreslau@vt.edu

Hello Dr. Breslau,
I am currently putting together undergraduate curriculum committee proposals for Career and Technical Education which includes four new majors.   I was hoping to get written support from your department allowing us to include **STS 2254 Innovation in Context** as Pathways on graduation checksheets for **Agricultural Education**, **Business and Information Technology Education, Family and Consumer Sciences Education,** and **Marketing Education**. I am told that if you are willing to agree, an email response to that effect is sufficient.

Please let me know if you have any questions or, if this is someone else's responsibility, could you please point me in the right direction?

Thank you!

--
Dawn Knight-Withers, MAEd

Pre-Education Advising Coordinator, Virginia Tech School of Education

HokIe TEACH!
VIRGINIA TECH.

PEAP Information

Schedule an Appointment

Like Us on Facebook

404 Wallace Hall (0565)
(540)231-6496   dknight1@vt.edu
Doctoral Candidate: Curriculum and Instruction
NACADA Advising Community Chair: Education Majors
Faculty Adviser: VT Chapters of KDP, SVEA, and AEYC

Daniel Breslau <dbreslau@vt.edu>   Fri, Jul 17, 2020 at 1:53 PM
To: Dawn Knight <dknight1@vt.edu>

Dear Dawn Knight,
The Department of Science, Technology, and Society approves of the inclusion of STS 2254 Innovation in Context on checksheets for Career and Technical Education majors in Agricultural Education, Business and Information Technology Education, Family and Consumer Sciences Education, and Marketing Education. Inclusion of the course in those programs will not require additional resources. Please let me know if I can be of further assistance.
Best wishes,
Daniel Breslau
Chair, STS Department
[Quoted text hidden]
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