

Dear Applicant,

The transcript evaluation process is required for the UAS Secondary Education accreditation, and it is a necessary step in the evaluation of your academic background for certification. After you complete the appropriate form, UAS faculty will review it. If we discover areas of deficiency, there is a possibility that we will recommend coursework to address those specific needs. Most often, however, this process verifies that you have the content knowledge necessary for certification. Below is the step-by-step process for completing and submitting the form.

1. In order to complete one of the forms you will need access to all of your undergraduate and graduate transcripts. These can be unofficial copies as long as they indicate the semester you completed the course, and your final grade. Courses where you received an incomplete or failing grade should not be listed on the forms.
2. You should select the form most closely aligned with your undergraduate degree. You only need to complete one form for your primary area of certification. Applicants seeking certification in Math, English, Social Studies, History, General Science, or a Single Subject in Science must complete the forms (note: candidates seeking certification in History should complete the Social Studies form). The transcript evaluation form is not required for applicants seeking certification in other areas.
3. Please list the courses that are relevant to each standard. It is not necessary that the course title states explicitly the standards listed for the content area. For instance, a Calculus course that covers more than one of the standards can be listed more than once. If you don't recall the specific course content for courses, please refer to the catalog course descriptions when possible.
4. After you have completed the form, please save a copy for your records and send (by email or fax) the completed form to Deema Ferguson at: [dmferguson@alaska.edu](mailto:dmferguson@alaska.edu) or 907-796-6002 (fax). We need an electronic file of the evaluation, so please do not mail a hard copy.
5. As part of the application review process, faculty will review your transcript evaluation. We will notify you if there are deficiencies that need to be addressed.

If you have questions about this process, please contact me directly. Thank you.

Sincerely,



Scott Christian  
Program Administrator  
Secondary Master of Arts in Teaching  
University of Alaska Southeast



University of Alaska Southeast

MAT Transcript Analysis and Degree Form: Math

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

Content Knowledge			
Math Content	Course(s) Meeting Requirement	Institution & Date	Grade Received
Knowledge of Number and Operation			
Knowledge of Different Perspectives on Algebra			
Knowledge of Geometries			
Knowledge of Calculus			
Knowledge of Discrete Mathematics			
Knowledge of Data Analysis, Statistics, and Probability			
Knowledge of Measurement			

Pedagogy		
Math Content	Course(s) Meeting Requirement	Grade Received
Knowledge of instructional technology specifically for the mathematics classroom		
Knowledge of instructional technology specifically for the mathematics classroom		
Demonstration of selection and use of appropriate instructional strategies and materials specifically for the mathematics classroom		
Demonstration of the ability to lead classes in mathematical problem solving and in development in-depth conceptual understanding as well as procedural fluency		
Knowledge of mathematical reasoning, communication, connections, and representations and demonstration of such knowledge in the mathematics classroom and instructional planning		
Demonstration of attention to equity through the use of multiple instructional strategies including listening to and understanding the ways students think about mathematics		
Demonstration of attention to research results in the teaching and learning of mathematics		



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MAT Transcript Analysis and Degree Form: English

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

Content Knowledge			
English Content	Course(s) Meeting Requirement	Institution & Date	Grade Received
Language development and acquisition including history of the English language			
Language structure and skills including grammar systems and semantics			
Traditional literature study (American, British, World) including literary criticism /theory and literary terminology			
Multi-cultural literature, young adult literature, and literature of diversity including that by women			
Literacy study including major aspects of written, oral, and visual literacy			
Reading processes for understanding text including critical analysis and meaning making strategies			
Writing processes for difference purposes, situations, and audiences			
Media (print and non-print) and communication technology understanding			

Pedagogy		
English Content Pedagogy	Course(s) Meeting Requirement	Grade Received
Use English language arts to help their students become familiar with their own and others' cultures, establishing meaningful connections between the English language arts curriculum and developments in culture, society, and education		
Examine and select resources for instruction such as textbooks, other print materials, videos, films, records, and software, appropriate and research based for supporting the teaching of English language arts.		
<i>The following can only be met during an active classroom instructional assessment such as student teaching:</i>		<b>Y/N</b>
Engage students in activities that demonstrate the role of arts and humanities in learning		
Engage students often in meaningful discussions for the purposes of interpreting and evaluating ideas presented through oral, written, and/or visual forms		
Engage students in critical analysis of different media and communications technologies		
Engage students in learning experiences that consistently emphasize varied uses and purposes for language in communication		
Engage students in making meaning of texts through personal response		
Demonstrate that their students can select appropriate reading strategies that permit access to, and understanding of, a wide range of print and non-print texts		



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MAT Transcript Analysis and Degree Form: Social Studies

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

Each candidate must address at least seven of the ten NCSS Standards. All candidates must address NCSS Standards 1.2, 1.3, 1.6 (which may also address 1.10), and 1.7. In addition, they must address at least two of the remaining standards: NCSS Standard 1.1 or 1.5; 1.4 (which may be sufficiently addressed by a Human Growth and Development course); 1.8; or 1.9. The concepts addressed by NCSS Standards 1.8 and 1.9 are frequently imbedded within courses and are therefore seldom addressed in the transcript review process

Table with 4 columns: NCSS Thematic Standards, Course(s) Meeting Requirement, Institution & Date, Grade. Rows include Culture and Cultural Diversity, Individuals, Groups and Institutions, and Global Connections.

Table with 3 columns: Social Studies Content Pedagogy, Course(s) /Activity(s) Meeting Requirement, Content Standards Met. Rows describe candidate abilities to plan lessons, integrate standards, and utilize technology.

Evidence for this principle should indicate candidate success in planning and teaching content and activities that address at least three of the NCSS content Standards.



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MAT Transcript Analysis and Degree Form: General Science

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

Content Knowledge			
Science Content:	Course(s) Meeting Requirement	Institution & Date	Grade Received
Coursework for a major in a single field of licensure (18 of the 24 credit hours will be third and fourth year coursework)			
Physical Science (12 credits min.)			
Life Science (12 credits minimum)			
Supporting coursework in relevant content areas (mathematics, field or lab work)			

Pedagogy		
Science Content Pedagogy	Course(s) Meeting Requirement	Grade Received
Evidence of planning in science content, nature of science, inquiry. (NSTA Standard 1a, 2c, and 3b)		
<i>The following can only be met during an active classroom instructional assessment such as student teaching:</i>		<b>Y/N</b>
Evidence of appropriate practice safety procedures; chemical storage and use; and animal care and use. (NSTA Standard 9b, 9c, and 9d)		
Evidence of learning science content, nature of science (NSTA Standard 1a and 2c)		



University of Alaska Southeast

**MAT Transcript Analysis and Degree Form: Science Single Content**

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

<b>Content Knowledge</b>			
Science Content: <b>Biology</b>	Course(s) Meeting Requirement	Institution & Date	Grade Received
Coursework for a major in a single field of licensure (20 of the 30 credit hours will be third and fourth year coursework)			
Genetics			
Ecology			
Molecular Biology			
Evolution or Evolutionary Biology			
(Additional)			
(Additional)			
(Additional)			
(Additional)			
Supporting coursework in each of the three remaining content areas (generally 1 to 3 survey courses)			
Chemistry			
Earth Science			
Physics			
Research in science content			
Mathematics appropriate for the discipline (calculus, statistics)			

1 year introductory in field of licensure

<b>Pedagogy</b>		
Science Content Pedagogy	Course(s) Meeting Requirement	Grade Received
Evidence of planning in science content, nature of science, inquiry. (NSTA Standard 1a, 2c, and 3b)		
<i>The following can only be met during an active classroom instructional assessment such as student teaching:</i>		<b>Y/N</b>
Evidence of appropriate practice safety procedures; chemical storage and use; and animal care and use. (NSTA Standard 9b, 9c, and 9d)		
Evidence of learning science content, nature of science (NSTA Standard 1a and 2c)		



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**MAT Transcript Analysis and Degree Form: Science Single Content**

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

<b>Content Knowledge</b>			
Science Content: <b>Chemistry</b>	Course(s) Meeting Requirement (credits)	Institution & Date	Grade Received
Coursework for a major in a single field of licensure (20 of the 30 credit hours will be third and fourth year coursework)			
Analytical Chemistry			
Organic Chemistry			
Biochemistry			
(Additional)			
(Additional)			
(Additional)			
(Additional)			
(Additional)			
Supporting coursework in each of the three remaining content areas (generally 1 to 3 survey courses)			
Biology			
Earth Science			
Physics			
Research in science content			
Mathematics appropriate for the discipline (calculus, statistics)			

1 year introductory in field of licensure

<b>Pedagogy</b>		
Science Content Pedagogy	Course(s) Meeting Requirement	Grade Received
Evidence of planning in science content, nature of science, inquiry. (NSTA Standard 1a, 2c, and 3b)		
<i>The following can only be met during an active classroom instructional assessment such as student teaching:</i>		<b>Y/N</b>
Evidence of appropriate practice safety procedures; chemical storage and use; and animal care and use. (NSTA Standard 9b, 9c, and 9d)		
Evidence of learning science content, nature of science (NSTA Standard 1a and 2c)		



University of Alaska Southeast

**MAT Transcript Analysis and Degree Form: Science Single Content**

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

<b>Content Knowledge</b>			
Science Content: <b>Earth Science</b>	Course(s) Meeting Requirement (credits)	Institution & Date	Grade Received
Coursework for a major in a single field of licensure (20 of the 30 credit hours will be third and fourth year coursework)			
Hydrogeology			
Oceanography			
Global Climate Change			
Geologic Age of the Earth			
(Additional)			
(Additional)			
(Additional)			
(Additional)			
Supporting coursework in each of the three remaining content areas (generally 1 to 3 survey courses)			
Biology			
Chemistry			
Physics			
Research in science content			
Mathematics appropriate for the discipline (calculus, statistics)			

1 year introductory in field of licensure

<b>Pedagogy</b>		
Science Content Pedagogy	Course(s) Meeting Requirement	Grade Received
Evidence of planning in science content, nature of science, inquiry. (NSTA Standard 1a, 2c, and 3b)		
<i>The following can only be met during an active classroom instructional assessment such as student teaching:</i>		<b>Y/N</b>
Evidence of appropriate practice safety procedures; chemical storage and use; and animal care and use. (NSTA Standard 9b, 9c, and 9d)		
Evidence of learning science content, nature of science (NSTA Standard 1a and 2c)		





University of Alaska Southeast

**MAT Transcript Analysis and Degree Form: Science Single Content**

Student Name: \_\_\_\_\_

Date \_\_\_\_\_

Degree: \_\_\_\_\_

<b>Content Knowledge</b>			
Science Content: <b>Physics</b>	Course(s) Meeting Requirement (credits)	Institution & Date	Grade Received
Coursework for a major in a single field of licensure (20 of the 30 credit hours will be third and fourth year coursework)			
Thermodynamics			
High Energy Physics			
Advanced Mechanics			
Advanced Electricity or advanced light			
(Additional)			
(Additional)			
(Additional)			
(Additional)			
Supporting coursework in each of the three remaining content areas (generally 1 to 3 survey courses)			
Biology			
Chemistry			
Earth Science			
Research in science content			
Mathematics appropriate for the discipline (calculus, statistics)			

1 year introductory in field of licensure

<b>Pedagogy</b>		
Science Content Pedagogy	Course(s) Meeting Requirement	Grade Received
Evidence of planning in science content, nature of science, inquiry. (NSTA Standard 1a, 2c, and 3b)		
<i>The following can only be met during an active classroom instructional assessment such as student teaching:</i>		<b>Y/N</b>
Evidence of appropriate practice safety procedures; chemical storage and use; and animal care and use. (NSTA Standard 9b, 9c, and 9d)		
Evidence of learning science content, nature of science (NSTA Standard 1a and 2c)		