

SECONDARY EDUCATION, AS

Program Code: Secondary Education-AS

Program Description

The Associate of Science, Secondary Education is designed for students seeking careers in secondary education (junior and senior high schools). The degree requirements include a well-balanced general education curriculum. Specific curriculum provides students with educational theory and practical field work in the secondary education school settings.

In addition, students will also need to select a “teaching major” and complete some of the coursework prior to transfer. This course of study is designated as a university transfer program that substantially meets the requirements for the first two years of study for the B.S. in secondary education majors at UNR. Also, please note: Any concerns or questions of requirements when entering a teaching certification program need to be addressed by advisors for any university of interest.

Secondary Education Career Map (<https://sites.tmcc.edu/flipbook/career-maps/>)

Recommended Course Schedule

	Units
1st semester	
Elective ⁵	3
EDU 110 Success Strategies in Education and Human Development	3
EDU 202 Introduction to Secondary Education	3
ENG 101 Composition I or ENG 100 or Composition Enhanced or Composition I for International and Multilingual Students or ENG 113	3
Fine Arts ⁴	3
Semester Total	15
2nd semester	
Elective ⁵	3
EDU 210 Nevada School Law	3
ENG 102 Composition II	3
Humanities ⁴	3
Mathematics ⁵	3
Semester Total	15
3rd semester	
Elective ⁵	3
EDU 203 Introduction to Special Education	3
U.S. and Nevada Constitutions ⁴	3
Science ⁵	6
Semester Total	15
4th semester	
Elective ⁵	3
EDU 214 Preparing Teachers to Use Technology	3
Physical Science ⁵	6

Social Science ⁴	3
Semester Total	15
Total Units	60

⁴ See approved General Education list for the AA/AS Degree. (<https://catalog.tmcc.edu/degrees-certificates/general-education/aa-as/>)

⁵ See program recommendations or requirements.

Program Requirements

Associate of Science degrees are designed for students who plan to transfer to a four-year college or university.

To earn an AS degree, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 units within the college.
3. Satisfy General Education requirements for the AS (<https://catalog.tmcc.edu/degrees-certificates/general-education/as/>).
4. Have no financial or library obligation to the college.

Code	Title	Units
General Education Requirements		
<i>English</i>		3-6
Must include ENG 102 or ENG 114 ¹		
<i>Fine Arts</i>		3
<i>Humanities</i>		3
<i>Mathematics</i>		3
Recommended:		
MATH 127	Pre-Calculus II	
<i>Science</i>		6
Lab Required		
Required:		
Select one of the following:		
BIOL 100	General Biology for Non-Majors	
BIOL 190A & BIOL 190L	Introduction to Cell and Molecular Biology and Introduction to Cell and Molecular Biology Laboratory	
Select one of the following:		
CHEM 100	Molecules and Life in the Modern World	
CHEM 121	General Chemistry I	
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	
GEOL 101	Geology: Exploring Planet Earth	
PHYS 100	Introductory Physics	
PHYS 151	General Physics I	
PHYS 180 & 180L	Physics for Scientists and Engineers I and Physics for Scientists/Engineers Lab I	
<i>Social Science</i>		3
Additional College Requirements		
<i>Diversity</i> ²		[3]
Recommended:		

EDU 203	Introduction to Special Education	6
<i>Science</i>		
Science courses fulfilling the 6 units include the following choices.		
Select one from each area:		
<i>Biology</i>		
BIOL 100	General Biology for Non-Majors	
BIOL 190A & BIOL 191L	Introduction to Cell and Molecular Biology and Intro to Organismal Biology Lab	
<i>Physical Science</i>		
CHEM 100	Molecules and Life in the Modern World	
CHEM 121	General Chemistry I	
ENV 101	Introduction to Environmental Science	
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	
GEOL 101	Geology: Exploring Planet Earth	
PHYS 100	Introductory Physics	
PHYS 151	General Physics I	
PHYS 180 & 180L	Physics for Scientists and Engineers I and Physics for Scientists/Engineers Lab I	
U.S. and Nevada Constitutions		3
Degree Requirements		
EDU 110	Success Strategies in Education and Human Development	3
EDU 202	Introduction to Secondary Education	3
EDU 203	Introduction to Special Education	3
EDU 210	Nevada School Law	3
EDU 214	Preparing Teachers to Use Technology	3
Elective Requirements		
Select 12-15 units ³		12-15
Total Units		60

¹ If you place into ENG 102 or ENG 114 the additional 3 required units will become elective units.

² Course may also count toward degree requirements. Please consult with Academic Advisement.

³ Students transferring to UNR take units in their teaching major. See an advisor for more information.

Program Outcomes

Students completing this degree will:

PSLO1: Demonstrate the scope of knowledge and skills based on the Interstate New Teacher Assessment and Support Consortium (INTASC) standards:

Standard #1: Learner Development

The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

Standard #2: Learning Differences

The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

Standard #3: Learning Environments

The teacher works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.

Standard #4: Content Knowledge

The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make these aspects of the discipline accessible and meaningful for learners to assure mastery of the content.

Standard #5: Application of Content

The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

Standard #6: Assessment

The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

Standard #7: Planning for Instruction

The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

Standard #8: Instructional Strategies

The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

Standard #9: Professional Learning and Ethical Practice

The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

Standard #10: Leadership and Collaboration

The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

Transfer Agreements

AA/AS degrees are designed for students who plan to transfer to a four-year college or university. General information about general transfer agreements can be found on the Academic Advisement website (<https://www.tmcc.edu/advisement/transfer-students/transfer-agreements/>). Students who intend to transfer to another college or university should speak with a TMCC Academic Advisor and consult with that institution. The transfer institution determines how TMCC courses will transfer.

TMCC has agreements with the following institutions towards a bachelor's degree in the same or similar discipline.

- Nevada State College (<https://nsc.edu/admissions/transfer2state/transfer-agreements/>)
- University of Nevada, Reno (<https://www.unr.edu/admissions/transfer/credits/transfer-agreements/>)