

Final

Sharon Lantz Chair, Teacher Education

Sharon.lantz@rrcc.edu Office 2648

Red Rocks Community College Associate of Arts Degree with an Optional Plan of Study in Secondary Mathematics Education

The Associate of Arts Degree with an optional emphasis in secondary mathematics education is designed for the community college student who wishes to transfer to a four-year secondary mathematics education licensure program. Students who complete the program and concentration at Red Rocks Community College with a grade point average of 2.5 or better (with a grade of “C” or better in all mathematics coursework) will qualify for acceptance to the Regis University Secondary Mathematics Education program offered through the College of Professional Studies and may complete their baccalaureate program by completing just 51 additional credit hours.

The specific nature of the courses required for both the degree and optional emphasis are aligned with the basic knowledge and mathematics requirements specified by the Colorado Department of Education Mathematics Model Content Standards as well as state-required coursework for secondary licensed teachers. Upper-level coursework required for secondary mathematics licensure and baccalaureate completion may be completed at a four-year institution.

I. Communication (9 credit hours)		Credits
COM 115	Public Speaking	3
ENG 121	English Composition I	3
ENG 122	English Composition II	3
II. Arts and Humanities (9 credit hours)	<i>Choose two PHI courses.</i>	
PHI 111	Intro to Philosophy	
PHI 112	Ethics	3
PHI 113	Logic	3
	<i>3 additional credit hours from the following classes.</i>	
Art		
ART 110	Art Appreciation	3
ART 111	Art History I	3
ART 112	Art History II	3
MUS 120	Music Appreciation	3
MUS 121/122	Introduction to Music History I/II	3/3
THE 105	Introduction to Theatre Arts	3
THE 211/212	Development of Theatre I/II	3/3
Literature and Humanities		
HUM 121/122/123	Survey of Humanities I/II/III	3/3/3
LIT 115	Introduction to Literature	3
LIT 201/202	Masterpieces of Literature I/II	3/3
LIT 205	Ethnic Literature	3
LIT 211/212	Survey of American Literature I/II	3/3
LIT 221/222	Survey of British Literature I/II	3/3
LIT 225	Intro of Shakespeare	3
Foreign Languages		
FRE 211	French III	3
FRE 212	French IV	3
SPA 211	Spanish III	3
SPA 212	Spanish IV	3
JPN 211	Japanese III	3
JPN 212	Japanese IV	3

III. Math (3-5 credit hours)		
MAT 121 (required)	College Algebra (can CLEP out with a passing score)	4
IV. Social and Behavioral Sciences (9 credit hours total)	<i>One must be a history class and no more than two classes in any one category. PSY 235 is required so choose 2 more</i>	
PSY 235 (required)	Human Growth and Development	3
History (3 credits)		
HIS 101/102	History of Western Civilization I/II	3 /3
HIS 111/112	World Civilization I/II	3 /3
HIS 247	Contemporary World History	3
Behavioral Sciences (3 credit hours)	<i>This goes toward Regis Global Studies</i>	
POS 205	International Relations	3
GEO 105	World Regional Geography	3
ANT 101	Cultural Anthropology	3
V. Physical and Life Science (8 credit hours)	<i>(5 cr will be extra)</i>	
AST 101/102	Astronomy I/II	4 /4
BIO 105	Science of Biology	4
BIO 111/112	General College Biology I/II with Lab	5 /5
BIO 201/202	Human Anatomy and Physiology I/II	4 /4
CHE 101/102	Intro Chemistry I/II	5/5
CHE111/112	General College Chemistry I/II	5 /5
GEY 111	Physical Geology	4
GEY 121	Historical Geology	4
MET 150	General Meteorology	4
PHY 105	Conceptual Physics	4
PHY 111/112	Physics: Algebra-Based I/II with lab	5 /5
PHY 211/212	Physics: Calculus-Based I/II with lab	5 /5
SCI 155/156 (must take both)	Integrated Science I/II	4/4

Required Electives: Minimum of 21 more credits (high priority given to Math courses) are needed to complete the AA. Student will then complete 28 MORE credits at RRCC that will transfer to Regis.

	Total of General Education Courses Requirement	39
Math Courses		
MAT 135	Intro to Statistics	3
MAT 122	College Trigonometry (can CLEP out with a passing score)	3
MAT 201	Calculus I	5
MAT 202	Calculus II	5
MAT 203 (RRCC MAT 204)	Calculus III	5
MAT 255	Linear Algebra	3
MAT 109	Geometry (can CLEP out with a passing score)	3
	Total	27
Education Courses		
EDU 221	Introduction to Education (Co-req EDU 288)	3
EDU 288	Practicum II Field Experience (co-req EDU 221) RRCC req.	1
EDU234	Multicultural Education	3
EDU240	Teaching the Exceptional Learner	3
EDU261	Teaching, Learning & Technology	3
PSY245	Educational Psychology	3
	Total	16
Philosophy Courses (Religion) (6 credits required by Regis)	<i>If you take PHI 114, you can NOT take PHI 115 or 116.</i>	

PHI 114	Comparative Religions	3
PHI 115	World Religions - West	3
PHI 116	World Religions - East	3
Phi 117	Psychology of Religion	3
PHI 123	Native American	3
PHI 124	Introduction to Islam	3
PHI 140	Religion in American Culture	3
PHI 142	New Testament	3
PHI 202	Religion and Film	3
PHI 203	Intro to Buddhism	3
PHI 214	Philosophy of Religion	3
PHI 250	Eastern Wisdom	3

Regis will take 85 credits from RRCC and you complete the final 51 credits at Regis, for a total of 136.