

ASSOCIATE IN ARTS (MATHEMATICS CONCENTRATION) DEGREE

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Associate in Arts Degree (Mathematics concentration) degree

I. Mathematics Requirements

Core courses needed for concentration 19

MAT.130	College Algebra
MAT.140	Trigonometry
MAT.241	Calculus With Analytic Geometry 2
MAT.242	Calculus With Analytic Geometry 3
MAT.260	Differential Equations

II. General Education Requirements 37

A. Communications 9

ENG.101	Freshman Composition 1 *
ENG.102	Freshman Composition 2 **
SPE.120	Introduction to Public Speaking

B. Humanities/Fine Arts 9

Select one course from Fine Arts:

ART.111	Art Appreciation
ART.112	Art: Prehistoric to 1400
ART.113	Art: 1400 to Present Day
ENG.151	Introduction to Film Art
MUS.100	Music in the Western World
MUS.101	Introduction to American Music
MUS.105	Non-Western Music
MUS.107	Music in the Theatre
THE.110	Theatre Arts Appreciation
THE.111	Theatre History

Select one course from Humanities:

ENG.160	Introduction to Fiction
ENG.170	Introduction to Drama
ENG.180	Introduction to Poetry
ENG.221	American Literature 1
ENG.222	American Literature 2
ENG.231	British Literature 1
ENG.232	British Literature 2
ENG.240	Women and Literature
MUS.205	Music and Society
PHL.100	Logic
PHL.101	Introduction to Philosophy
PHL.102	Ethics

Select three additional hours from either Humanities or Fine Arts

C. Social Sciences 9

Select three courses from the following:

(Must select one or more courses from 3 subject areas)

ECO.101	Introduction to Economics
ECO.201	Principles of Macro Economics
ECO.202	Principles of Micro Economics
GEO.100	Human Geography
GEO.110	World Regional Geography
HIS.105	American History to 1877
HIS.106	American Hist From 1877
HIS.125	Western Civilization 1
HIS.126	Western Civilization 2
HIS.285	History of Africa: 1500 to Present
POS.122	American Government & Politics
POS.223	State & Local Government
POS.228	International Relations
POS.267	Comparative Government
PSY.101	Introduction to Psychology
PSY.204	Social Psychology
PSY.206	The Social Psychology of Aging
PSY.265	Developmental Psychology
SOC.101	Introduction to Sociology
SOC.102	Contemporary Social Problems
SOC.103	Marriage and the Family
SOC.105	Intro to Cultural Anthropology
SOC.201	Introduction to Anthropology
SOC.203	Introduction to Diversity
SOC.260	Gender & Society
SSC.110	Global Issues

D. Science/Mathematics 10

Science *** 7

Select one course from Life Sciences:

BIO.101	General Biology
BIO.120	Environmental Science

Select one course from Physical Sciences:

CHM.100	Concepts of Chemistry
CHM.110	General Chemistry 1
ESC.100	Introduction to Earth Science
PHY.130	The Physical Universe
PHY.151	General Physics 1

Math 3

Take the following course:

MAT.240	Calculus With Analytic Geometry 1
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III. Electives 21

IV. Other Requirements 3

Human Relations Course – Select one course from the following:

ART.111	Art Appreciation
ART.113	Art: 1400 to Present Day
ENG.160	Introduction to Fiction
ENG.170	Introduction to Drama
ENG.180	Introduction to Poetry
ENG.221	American Literature 1
ENG.222	American Literature 2
ENG.250	African American Literature

GEO.100	Human Geography
GEO.110	World Regional Geography
HIS.125	Western Civilization 1
HIS.126	Western Civilization 2
HIS.285	History of Africa: 1500 to Present
MUS.100	Music in the Western World
MUS.101	Introduction to American Music
MUS.105	Non-Western Music
MUS.205	Music and Society
PHL.102	Ethics
PHL.103	Biomedical Ethics
PSY.204	Social Psychology
SOC.101	Introduction to Sociology
SOC.102	Contemporary Social Problems
SOC.105	Intro to Cultural Anthropology
SOC.201	Introduction to Anthropology
SOC.203	Introduction to Diversity
SOC.260	Gender & Society
SPE.110	Interpersonal Communication
SSC.110	Global Issues
THE.110	Theatre Arts Appreciation
Residency Requirement – (Complete 15 semester hours at Sandburg)	
GPA Required for Graduation – 2.0 on 4.0 scale	
Total Hours Required For Degree	61

* Students must pass with a grade of "C" or better and pass the exit examination.

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*** at least one course must be a lab course