



2016 -2017 DEGREE MAP ASSOCIATE IN ARTS (AA) WITH AN EMPHASIS IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

Meta-majors are academic pathways to help you meet your occupations and educational goals. Included below is a sample schedule for a **full-time college student** on an Associate in Arts (AA) degree track who intends to transfer to a four-year college or university with a major related to Science, Technology, Engineering, and Mathematics. The suggested courses are based upon the common pre-requisites needed for majors in this meta-major. You are responsible for completing the “Mandatory Hourly Requirements” on the right. Registration holds will be placed on students who do not meet the “Mandatory Hourly Requirements” and those students will be required to see an advisor before the hold may be removed. Please be advised that not all types of financial aid will cover the cost of summer semester courses.

****PLEASE REFER TO YOUR SPECIFIC TRANSFER MAJOR INFORMATION FOR INFORMATION ON SPECIFIC PRE-REQUISITES, GPA, AND ADDITIONAL ADMISSIONS REQUIREMENTS****

SAMPLE FULLTIME SCHEDULE

FALL SAMPLE SCHEDULE	Suggested Courses
Communications State Core Course	ENC1101
Mathematics State Core Course	MAC1105
TCC Social Science Core Group 3	SLS1510 or SLS2261
Social Science State Core Course	PSY2012
TOTAL SEMESTER HOURS	12 HOURS
COMPLETED HOURS	12 HOURS

SPRING SAMPLE SCHEDULE	Suggested Courses
Communications TCC Core Course	ENC1102/ENC1141/MMC1100
Mathematics TCC Core Course	MAC1140 & MAC1114/MAC1147
Science State Core Course	CHM1045 & CHM1045L
Humanities State Core Course	*
TOTAL SEMESTER HOURS	12 HOURS
COMPLETED HOURS	24 HOURS

SUMMER SAMPLE SCHEDULE	Suggested Courses
Science TCC Core Course	BSC2010 & BSC2010L
Humanities TCC Core Course	*
TOTAL SEMESTER HOURS	6 HOURS
COMPLETED HOURS	30 HOURS

FALL SAMPLE SCHEDULE	Suggested Courses
Elective/Transfer Major Prerequisite	SPC1017 or SPC2608
Foreign Language /Elective/Transfer Major Prerequisite	*
Social Science TCC Core Course	*
Elective/Transfer Major Prerequisite	CHM1046 & CHM1046L
TOTAL SEMESTER HOURS	12 HOURS
COMPLETED HOURS	42 HOURS

SPRING SAMPLE SCHEDULE	Suggested Courses
Foreign Language /Elective/Transfer Major Prerequisite	MAC2311 HUN1201 – Exercise Science/Nutrition/Dietetics Majors
Social Science TCC Category 1 Course	*
Elective/Transfer Major Prerequisite	PHY2048 & PHY2048L
Elective/Transfer Major Prerequisite	BSC2011 + BSC2011L
TOTAL SEMESTER HOURS	12 HOURS
COMPLETED HOURS	54 HOURS

SUMMER SAMPLE SCHEDULE	Suggested Courses
Foreign Language /Elective/Transfer Major Prerequisite	MAC2312
TOTAL SEMESTER HOURS	6 HOURS
COMPLETED HOURS	60 HOURS TO GRADUATE

*Please refer to the [TCC Catalog](#) for specific courses that meet this requirement.

Failure to complete items in BOLD will result in Registration Holds. Students must see an Advisor to have the hold(s) removed.

Revised 8/1/2016

MANDATORY HOURLY REQUIREMENTS

Must Complete Before 15 Credit Hours
Communications State Core Course: ENC1101
Mathematics State Core Course
Mandatory Advising Holds until complete 18 hours
Declare a Meta-Major
2.0 or higher TCC GPA & Cumulative GPA
Check transfer major pre-requisites & required GPA

Must Complete Before 18 Completed Credit Hours
Declare a Transfer Major in TCC Passport
Declare a Transfer Institution in TCC Passport
TCC Social Science Core Group 3 Course
2.0 or higher TCC GPA & Cumulative GPA
Check transfer major pre-requisites & required GPA

Must Complete Before 30 Completed Credit Hours
Communications TCC Core Course
Mathematics TCC Core Course
Apply to Transfer Institution two semesters early
2.0 or higher TCC GPA & Cumulative GPA
Check transfer major pre-requisites & required GPA

Must Complete Before 45 Completed Credit Hours
Attend Graduation Check Workshop
2.0 or higher TCC GPA & Cumulative GPA
Check transfer major pre-requisites & required GPA

LAST SEMESTER
*** Apply for Graduation!***
2.0 or higher TCC GPA & Cumulative GPA
25% credit hours earned at TCC

Important Things to Know:

- *Developmental Education courses are not Included in this plan.*
- *MAT1033 is a required pre-requisite for MAC1105 and STA2023. It counts as an elective; not a State or TCC core Mathematics course.*

MAJORS & OCCUPATIONS IN THE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

META-MAJOR

MAJOR	OCCUPATION(S)	SUGGESTED ACADEMIC DEGREE(S)/LEVELS
Food & Nutrition Science or Exercise Science (Exercise Physiology, Master's & Doctoral Programs only)	Nutrition Consultant	B, M
	Food Product Developer	B, M
	Quality Control Analyst	B, M
	Health and Fitness Instructor/Advisor	B, M
	Clinical Exercise Physiologist	B, M
Biological Science	Laboratory Technician	B, M
	Biologist, Marine Biologist	B, M
	Crime Laboratory Analyst	B, M, D
	Zoologist	B, M, D
	Biology Professor	B, M
Computer Science	Database Administrator	B, M
	Software Designer/Engineer	B, M
	Software Quality Assurance Engineer	B, M
	Systems Analyst/Designer	B, M
	Web Developer	B, M
Help Desk/Technical Support or Web Technologies	Computer Support Specialist	AS, B, M
	Troubleshooting Specialist	AS, B, M
	Web Master	AS, B, M
	HTML Author	AS, B, M
	Site Designer	AS, B, M
Graphic Design Technology	Graphic Artist	AS
	Graphic Design Assistant	C, AS
	Marketing Assistant	AS
	Web page Designer	AS
	Associate Art Director	AS
Engineering	Structural Engineer	AS, B, M
	Transportation and Pipeline Engineer	AS, B, M
	Highway Engineer	AS, B, M
	Construction Engineer	AS, B, M
	Geotechnical Engineer	AS, B, M
Mathematics	Mathematician	B, M
	Teacher/Professor	B, M
	Economist	B, M
	Operations Research Analyst	B, M
	Statistician	B, M
Environmental Science Technology/Studies	Environmental Science & Protection Technician	AS
	Horticulturist	B
	Wetlands Ecologist	B
	Wildlife Conservationist	B
	Fish & Game Warden	B
Chemistry or Physics	Chemist	B
	Food & Drug Inspector	B
	Medical Laboratory Technician	B
	Biophysicist	B
	Biomedical Engineer	B
Meteorology	Meteorologist	B
	Weather Production Coordinator	B
	Storm Chaser	B
	Broadcast Meteorologist	B
	Air Traffic Controller	B

- C Certificate
- AS Associate in Science Degree
- B Bachelor's Degree
- M Master's Degree
- D Doctorate

**This sheet has sample majors & occupations associated with this meta-major. Some of these options may require additional training and career planning. You are not limited to these options when choosing a possible career path.*