



GENERAL STUDIES, SECONDARY TEACHER EDUCATION SPECIALIZATION IN MATHEMATICS & SCIENCE

Associate of Science (AS)

Advising Sheet – Suggested Course Sequence

Student Name _____

Faculty Advisor _____

REQUIRED COURSES	CR.	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR ✓ TAKEN
SDV 101 Orientation to Future Teachers	1		SDV 100	
ENG 111 College Composition I	3	See Placement Test Scores		
ENG 112 College Composition II	3	ENG 111		
MTH 173 Calculus with Analytical Geometry I	5	MTH 164 or MTH 166	MTH 174; See Note 3	
MTH 157 Elementary Statistics	3	See Placement Test Scores	See Note 3	
CHM 111 College Chemistry I	4	MTE modules 1-9		
CHM 112 College Chemistry II	4	CHM 111		
Humanities Elective	3		See Note 9	
History Elective	3		See Note 2	
History Elective	3		See Note 2	
Literature Elective	3	ENG 112	See Note 5	
EDU 200 Introduction to Teaching as a Profession	3	24 credits of transfer courses		
Lab Science or Mathematics Elective	4		See Note 4	
Lab Science or Mathematics Elective	4		See Note 4	
Health/Physical Education Elective	1			
PHY 201 General College Physics I	4		BIO 101, BIO 110, PHY 241	
PHY 202 General College Physics II	4	PHY 201	BIO 102, BIO 120, PHY 242. See Note 6	
Social/Behavioral Science Elective	3		See Note 7	
Transfer Elective	3		See www.jtcc.edu/transferelectives	
Total Minimum Credits for Completion	61			

NOTES

- Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
- It is recommended that the history elective include American history and world history. Students should consult with prospective four-year institutions.
- Students may be required to take MTH 164 or MTH 166 as prerequisites for MTH 173. MTH 173 and MTH 157 are recommended for biology majors. MTH 173 and MTH 174 are recommended for math, chemistry, and physics majors.
- Acceptable electives include MTH 277, BIO 256, BIO 279, GOL 105, NAS 125 and PHY 150.
- The literature requirement can be satisfied by any 200-level English literature course, exclusive of composition and creative writing courses.
- Math and physics majors should take PHY 241 and PHY 242 rather than PHY 201 and PHY 202.
- The social/behavioral sciences elective requirements can be satisfied by courses with the following prefixes: PSY (except PSY 100), SOC, ECO, GEO, PLS and HIS.
- It is recommended that students consult their prospective four-year transfer institution when selecting electives.
- Degree requirements include a conceptual humanities course (i.e., literature, philosophy, religion) that offers breadth of knowledge, therefore the elective requirement may be satisfied by completing an approved conceptual or applied humanities course. See web site www.jtcc.edu/humanitieselectives for a list of approved conceptual and applied humanities electives.
- Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.