

Science Technologies

- 2 Biotechnology
- 4 Chemical Laboratory Technology
- 7 Environmental Technology
- 9 Horticulture
- 16 Process Technology
- 18 Veterinary Paramedic

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___ VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 03-04

TSI requirements are applicable. BIOTECHNOLOGY- ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
MATH 1314 College Algebra						
BITC 1311 Introduction to Biotechnology						
ENGL 1301 Composition I						
POFI 1301 Computer Applications I OR						
ITSC 1309 Integrated Software Applications I OR						
COSC 1401 Microcomputer Applications						
BIOL 1406 General Biology I						
SECOND SEMESTER						
BITC 1401 Biotechnology Laboratory Instrumentation						
BIOL 1407 General Biology II						
CHEM1411 General Chemistry I OR						
SCIT 1414 Applied General Chemistry I						
BIOL 2420 Microbiology						
THIRD SEMESTER						
CHEM1412 General Chemistry II OR						
SCIT 1415 Applied General Chemistry II						
SCIT 1543 Applied Analytical Chemistry						
SECOND YEAR						
FIRST SEMESTER						
BITC 1402 Biotechnology Laboratory Methods and Techniques						
BITC 2471 Medical Biotechnology						
XXXX#3## Social Science General Education Elective						
XXXX#3## Approved Humanities/Fine Arts Elective						
SECOND SEMESTER						
BITC 2301 Molecular Biology Techniques						
BITC 2431 Cell Culture Techniques						
BITC 2386 Internship - Biological Technology/Technician						
XXXX#4## Department Approved Program-Related Elective						

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HORTICULTURE - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
HALT 1301 Principles of Horticulture						
HALT 1211 Shrubs, Vines, and Groundcovers						
HALT 1309 Interior Plants						
FMKT 1301 Floral Design						
AGRI 1309 Computers in Agriculture OR						
POFI 1301 Computer Applications I OR						
ITSC 1309 Integrated Software Applications I OR						
COSC 1401 Microcomputer Applications						
SECOND SEMESTER						
ENGL 2311 Technical and Industrial Correspondence and Report Writing						
XXXX#3## Social Science General Education Elective						
HALT 1307 Plant Diseases						
CHEM1305 Introductory Chemistry I OR						
CHEM1405 Intro to Chemistry for Non-Science Majors						
HALT 1333 Landscape Irrigation						
XXXX#3## Approved Humanities/Fine Arts Elective						
SECOND YEAR						
FIRST SEMESTER						
HALT 2314 Plant Propagation						
HALT 2318 Soil Fertility and Fertilizers						
HALT 1322 Landscape Design						
HALT 2308 Greenhouse Management						
HALT 1319 Landscape Construction.						
BMGT1301 Supervision						

