

BIOTECHNOLOGY AS
(Spring 2010)

Students graduating with an Associate of Science degree must complete an approved Cultural Diversity course.

SPECIFIC PROGRAM REQUIREMENTS – Must be taken at JCCC

BIOL 135	Principles of Cell and Molecular Biology	4
BIOT 160	Introduction to Biotechnology*	2
BIOL 150	Biology of Organisms*	5
BIOT 165	Laboratory Safety*	1
BIOL 205	General Genetics*	4
BIOT 260	Biotechnology Methods*	5
BIOT 265	Biotechnology Internship (Optional)*	4
BIOT 230	Microbiology for Biotechnology	5

*Prerequisite/corequisite required

SPECIFIC PROGRAM REQUIREMENTS – Must be taken at one of the MCC campuses

MATH 115	Statistics	3 eqv JCCC MATH 181
CHEM 111	General College Chemistry I	5 eqv JCCC CHEM 124 & 125
ENGL 101	Composition & Reading I	3 eqv JCCC ENGL 121
CHEM 112	General College Chemistry II	5 eqv JCCC CHEM 131 & 132
ENGL 215	Technical Writing	3 eqv JCCC ENGL 123
CHEM 221	Organic Chemistry I	5 eqv JCCC CHEM 220
PHYS 130	General Physics I	5 eqv JCCC PHYS 130
PHYS 131	General Physics II	5 eqv JCCC PHYS 131
SOCI 160	Introduction to Sociology~ <i>or</i>	eqv JCCC SOC 121
SOCI 163	Social Problems~ <i>or</i>	eqv JCCC SOC 125
POLS 234	Introduction to Internal Relations~	3 eqv JCCC POLS 234
SPDR 100	Fundamentals of Speech	3 eqv JCCC SPD 121
HIST 133	Foundation in Western Civilization	3 eqv JCCC HIST 125
	Humanities Elective	3
	Social Science/Economics Elective	3
	Physical Education Elective	1

TOTAL PROGRAM CREDIT HOURS 76-80

~meets the Cultural Diversity requirement

Oral Communication electives that will transfer from MCC to JCCC:

SPDR 103, SPDR 100, SPDR 102, SPDR 133

Humanities Electives that will transfer from MCC to JCCC:

ART 108, ART 150, ART 151, ART 159, ENGL 120, ENGL 121, ENGL 122, ENGL 124, ENGL 127, ENGL 128, ENGL 142, ENGL 150, ENGL 151, ENGL 165, ENGL 167, ENGL 220, ENGL 221, ENGL 222, ENGL 223, FREN 203, SPAN 203, SPAN 204, HIST 120, HIST 121, HIST 133, HIST 134, HIST 140, HUMN 140, HUMN 145, MUSI 108, PHIL 100, PHIL 101, PHIL 200, PHIL 201, PHIL 203, SPDR 114, SPDR 128

Social Science Electives that will transfer from MCC to JCCC:

ANTH 100, ANTH 110, ECON 210, ECON 211, GEOG 111, GEOG 112, HUSC 162, POLS 136, POLS 137, PSYC 140, SOCI 162, SOCI 170

Physical Education Electives that will transfer from MCC to JCCC:

DANC 100, DANC 111, EMTP 102, HUSC 108, PHED 105, PHED 106, PHED 107, PHED 108, PHED 109, PHED 110, PHED 113, PHED 114, PHED 117, PHED 118, PHED 119, PHED 120, PHED 121, PHED 122, PHED 123, PHED 126, PHED 127, PHED 128, PHED 129, PHED 130, PHED 131, PHED 135, PHED 136, PHED 137, PHED 138, PHED 139, PHED 140, PHED 141, PHED 143, PHED 144, PHED 145, PHED 146, PHED 147, PHED 157, PHED 158, PHED 159, PHED 165, PHED 166, PHED 167, PHED 168, PHED 173, PHED 174, PHED 179, PHED 180