

General Studies AS - Biotechnology Concentration

The Biotechnology degree option is not guaranteed for transfer by the state STARS program. Students using this as a guide toward a four-year program are strongly encouraged to contact senior institutions for transferability and satisfaction of prerequisites in the specific program.

For more information, please contact Dr. David Ansardi at david.ansardi@calhoun.edu.

Program: General Studies1

Program Code: AS-GENED-GBOT

Type: A.S.

GENERAL EDUCATION CORE REQUIREMENTS

Item #	Title	Credits
ORI 110	Freshman Seminar	1
ENG 101	English Composition I	3
ENG 102	English Composition II	3
	Literature Electives (3-6 credits)	3 - 6
	Fine Arts Elective	3
	Humanities Elective (3-6 credits)	3 - 6
BIO 103	Principles of Biology I	4
CHM 111	College Chemistry I	4
MTH 112	Precalculus Algebra	3
	History Electives (3-6 credits)	3 - 6
	Social/Behavioral Science Electives (6-9 credits)	6 - 9
	Sub-Total Credits	42

CONCENTRATION REQUIREMENTS

Item #	Title	Credits
CHM 112	College Chemistry II	4
BIO 105	Introduction to Biotechnology	4
BIO 107	Cell Culture	4
BIO 203	Techniques in Molecular Biology	4
BIO 252	Directed Studies in Biotechnology	2
BIO 254	Advanced Topics in Biotechnology	2 - 3
BIO 256	Biotechnology Internship	2
	Sub-Total Credits	22-23
	Total credits:	64-65

Literature Electives (3-6 credits)

3
6

Choose from the following courses.

Students must complete a two-course sequence in either Literature or History.

Many programs have specific requirements or recommendations for general education (elective) courses. Please see your advisor to help you meet the requirements for your program.

ENG 251

American Literature I

3

ENG 252

American Literature II

3

ENG 261

English Literature I

3

ENG 262

English Literature II

3

ENG 271

World Literature I

3

ENG 272

World Literature II

3

3

6

Off

Fine Arts Elective

3

Choose 1 of the following courses.

Many programs have specific requirements or recommendations for general education (elective) courses. Please see your advisor to help you meet the requirements for your program.

ART 100

Art Appreciation

3

ART 203

Art History I

3

ART 204

Art History II

3

MUS 101

Music Appreciation

Music Degrees

- Music Technology, A.A.S.

3

THR 120

Theatre Appreciation

3

3

Off

Humanities Elective (3-6 credits)

3

6

Choose from the following courses.

Many programs have specific requirements or recommendations for general education (elective) courses. Please see your advisor to help you meet the requirements for your program.

FRN 101

Introductory French I

4

FRN 102

Introductory French II

4

PHL 106

Introduction to Philosophy

3

PHL 206

Ethics and Society

3

REL 100

History of World Religions

3

REL 151

Survey of the Old Testament

3

REL 152

Survey of the New Testament

3

SPA 101

Introductory Spanish I

4

SPA 102

Introductory Spanish II

4

SPH 106

Fundamentals of Oral Communication

3

SPH 107

Fundamentals of Public Speaking

3

3

6

Off

History Electives (3-6 credits)

3

6

Students must complete a two-course sequence in either Literature or History.

Many programs have specific requirements or recommendations for general education (elective) courses. Please see your advisor to help you meet the requirements for your program.

HIS 121

World History I

3

HIS 122

World History II

3

HIS 201

United States History I

3

HIS 202

United States History II

3

Off

Social/Behavioral Science Electives (6-9 credits)

6

9

Off