North Carolina Community College
FERMENTATION SCIENCES 44 Hour Core Check sheet

This guide will assist you in your course selections to complete the 44 Hour Core and Fermentation Sciences Pre-requisite courses at a North Carolina Community College. The large **bold type** courses will dually fulfill requirements. Check with your community college to determine if there are specific institutional requirements to complete the 44 Hour Core. A grade of “C” or better is required in all coursework.

### ENGLISH COMPOSITION (6 SH)
___ ENG 111 Expository Writing

AND ONE OF THE FOLLOWING:
___ ENG 112 Argument-Based Research
___ ENG 113 Literature-Based Research
___ ENG 114 Prof. Research/Reporting

### HUMANITIES/FINE ARTS (9 SH)
Select 3 courses from at least 3 prefix areas: one ENGLISH LITERATURE course is required.
___ ENG 131 Intro to Literature
___ ENG 231 American Literature I
___ ENG 232 American Literature II
___ ENG 233 Major American Writers
___ ENG 241 British Literature I
___ ENG 242 British Literature II
___ ENG 243 Major British Writers
___ ENG 251 Western World Lit I
___ ENG 252 Western World Lit II
___ ENG 261 World Literature I
___ ENG 262 World Literature II
___ ART 111 Art Appreciation
___ ART 114 Art History Survey I
___ ART 115 Art History Survey II
___ ART 116 Survey of American Art
___ ART 117 Non-Western Art History
___ ASL 111 Elementary ASL I
___ ASL 112 Elementary ASL II
___ ASL 211 Intermediate ASL I
___ ASL 212 Intermediate ASL II

**COM-ONLY ONE MAY BE SELECTED**
___ COM 110 Intro to Communication
___ COM 120 Interpersonal Com
___ COM 140 Intro Intercultural Com
___ COM 231 Public Speaking
___ DAN 110 Dance Appreciation
___ DAN 211 Dance History I
___ DAN 212 Dance History II
___ DRA 111 Theatre Appreciation
___ DRA 112 Literature of the Theatre
___ DRA 115 Theatre Criticism
___ DRA 122 Oral Interpretation
___ DRA 126 Storytelling
___ DRA 211 Theatre History I
___ DRA 212 Theatre History II

___ HUM 110 Technology & Society
___ HUM 115 Critical Thinking
___ HUM 120 Cultural Studies
___ HUM 121 Nature of America
___ HUM 122 Southern Culture
___ HUM 123 Appalachian Culture
___ HUM 130 Myth in Human Culture
___ HUM 150 American Women Studies
___ HUM 160 Introduction to Film
___ HUM 161 Advanced Film Studies
___ HUM 211 Humanities I
___ HUM 212 Humanities II
___ HUM 220 Human Values/Meaing
___ MUS 110 Music Appreciation
___ MUS 112 Introduction to Jazz
___ MUS 113 American Music
___ MUS 114 Non-Western Music
___ MUS 115 Orchestral Music
___ MUS 210 History of Rock Music
___ MUS 211 History of Country Music
___ MUS 212 American Musical Theatre
___ MUS 213 Opera & Musical Theatre
___ PHI 210 History of Philosophy
___ PHI 215 Philosophical Issues
___ PHI 220 Western Philosophy I
___ PHI 221 Western Philosophy II
___ PHI 230 Intro to Logic
___ PHI 240 Intro to Ethics
___ REL 110 World Religions
___ REL 111 Eastern Religions
___ REL 112 Western Religions
___ REL 211 Intro to Old Testament
___ REL 212 Intro to New Testament
___ REL 221 Religion in America
___ ARA 111 Elementary Arabic I
___ ARA 112 Elementary Arabic II
___ ARA 211 Intermediate Arabic I
___ ARA 212 Intermediate Arabic II
___ CHI 111 Elementary Chinese I
___ CHI 112 Elementary Chinese II
___ CHI 211 Intermediate Chinese I
___ CHI 212 Intermediate Chinese II
___ FRE 111 Elementary French I
___ FRE 112 Elementary French II
___ FRE 211 Intermediate French
___ FRE 212 Intermediate French II
___ GER 111 Elementary German I
___ GER 112 Elementary German II
___ GER 211 Intermediate German I
___ GER 212 Intermediate German II
___ ITA 111 Elementary Italian I
___ ITA 112 Elementary Italian II
___ ITA 211 Intermediate Italian I
___ ITA 212 Intermediate Italian II
___ JPN 111 Elementary Japanese I
___ JPN 112 Elementary Japanese II
___ JPN 211 Intermediate Japanese I
___ JPN 212 Intermediate Japanese II
___ LAT 111 Elementary Latin I
___ LAT 112 Elementary Latin II
___ LAT 141 Culture/Civilization
___ LAT 142 Lit/Roman Republic
___ LAT 211 Intermediate Latin I
___ LAT 212 Intermediate Latin II
___ LAT 231 Reading/Composition
___ LAT 232 Imperial Literature
___ POR 111 Elementary Portuguese I
___ POR 112 Elementary Portuguese II
___ POR 211 Intermediate Portuguese I
___ POR 212 Intermediate Portuguese II
___ RUS 111 Elementary Russian I
___ RUS 112 Elementary Russian II
___ RUS 211 Intermediate Russian I
___ RUS 212 Intermediate Russian II
___ SPA 111 Elementary Spanish I
___ SPA 112 Elementary Spanish II
___ SPA 211 Intermediate Spanish I
___ SPA 212 Intermediate Spanish II
SOCIAL/BEHAVIOR SCIENCES (9 SH)
Select 3 courses from at least 3 prefix areas: one HISTORY course is required.
___ HIS 111 World Civilizations I
___ HIS 112 World Civilizations II
___ HIS 114 Comparative World History
___ HIS 115 Intro to Global History
___ HIS 121 Western Civilization I
___ HIS 122 Western Civilization II
___ HIS 131 American History I
___ HIS 132 American History II
___ ANT 210 General Anthropology
___ ANT 220 Cultural Anthropology
___ ANT 221 Comparative Cultures
___ ANT 230/A Physical Anthropology
___ ANT 240 Archaeology
___ ECO 151 Survey of Economics
___ ECO 251 Princ. of Micro
___ ECO 252 Princ. of Macroeconomics
___ GEO 111 World Regional Geography
___ GEO 112 Cultural Geography
___ GEO 113 Economic Geography
___ GEO 130 Gen. Phys. Geography
___ POL 110 Intro to Political Science
___ POL 120 American Government
___ POL 210 Comparative Government
___ POL 220 International Relations
___ PSY 150 General Psych
___ PSY 237 Social Psychology
___ PSY 239 Psychology of Personality
___ PSY 241 Dev Psychology
___ PSY 281 Abnormal Psychology
___ SOC 210 Intr to Sociology
___ SOC 213 Sociology of the Family
___ SOC 220 Social Problems
___ SOC 225 Social Diversity
___ SOC 230 Race and Ethnic Relations
___ SOC 240 Social Psychology

NATURAL SCIENCE (12 SH)
SELECT THREE:
___ AST 111/A Descriptive Astronomy
___ AST 151/A General Astronomy I
___ AST 152/A General Astronomy II
___ BIO 110 Principles of Biology
___ BIO 111 General Biology I
___ BIO 112 General Biology II
___ BIO 120 Introductory Botany
___ BIO 130 Introductory Zoology
___ BIO 140/A Environmental Biology
___ CHM 131/A Intro to Chemistry
___ CHM 132 Organic/Biochemistry
___ CHM 135 Survey of Chemistry I
___ CHM 136 Survey of Chemistry II
___ CHM 151 General Chem I
___ CHM 152 General Chem II
___ GEL 111 introductory Geology
___ GEL 113 Historical Geology
___ GEL 120 Physical Geology
___ GEL 230 Environmental Geology
___ PHY 110/A Conceptual Physics
___ PHY 151 College Physics I
___ PHY 152 College Physics II
___ PHY 251 General Physics I
___ PHY 252 General Physics II

MATHEMATICS (8 SH)
Select TWO from List A
OR
Select ONE from List A and ONE from List B

LIST A
___ MAT 140 Survey of Math
___ MAT 141 Mathematical Concepts I
___ MAT 142 Mathematical Concepts II
___ MAT 161 College Algebra
___ MAT 162 College Trigonometry
___ MAT 165 Finite Mathematics
___ MAT 171 Precal Alg
___ MAT 172 Precalculus Trigonometry
___ MAT 175 Precalculus
___ MAT 263 Brief Calculus
___ MAT 271 Calculus I
___ MAT 272 Calculus II
___ MAT 273 Calculus III

LIST B
___ CIS 110 Intr to Computer
___ CIS 115 Intro to Prog. & Logic
___ *MAT 151 Statistics I
___ *MAT 155 Stats Analysis

(for complete Statistics lab to meet 4 hour requirement)

FOR OFFICE USE ONLY

___ 44 Hour Core Met
___ Initial/Date

Name___________________________

Banner ID_______________________

Other Pre-major Requirement courses offered at NC Community Colleges

BUS 110 = BUS 1050
Intro to Business

ACC 120 = ACC 2100
Principles of Accounting I
OR
ACC 170 = ACC 1050
Survey of Accounting

HRM 235 = HOS 2000
Hospitality Quality Management

CHM 251 = CHE 2201 & CHE 2203
Organic Chemistry I

BIO 275 = BIO 3308
Microbiology

*MAT 151 OR MAT 155 will fulfill the FS requirement.

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