

ATTACHMENT 1A-6
Dale Bumpers College of Agricultural, Food & Life Sciences
NINE-SEMESTER DEGREE COMPLETION PROGRAM
B.S.A. – Food Science (FDSC) – Food and Culinary Sciences (FDCU)
2014-2015

FDSC Requirements: 6-12 hours Communication; 3 hours History; 9 hours Mathematics and Statistics; 20 hours Science; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 50 hours departmental core; 11-17 hours electives

Bold – Course meets University Core. Pre-requisites, co-requisites, or recommended courses are in parentheses. Italicized courses taken at NWACC.

| Fall Semester Year 1 | |
|--|--------------|
| Course | Hours |
| ENGL 1013 Composition I unless exempt | 3 |
| MATH 1203 College Algebra | 3 |
| BIOL 1543/1541L Principles of Biology | 4 |
| UNIV 1001 University Perspectives | 1 |
| FDSC 1011 Food Science Orientation | 1 |
| Fine Arts/Humanities OR Social Science OR History Core Elective | 3 |
| Total Semester Hours | 15 |

| Spring Semester Year 1 | |
|--|--------------|
| Course | Hours |
| ENGL 1023 Comp II (Pre-ENGL 1013) unless exempt | 3 |
| CHEM 1103/1101L University Chemistry (Pre-MATH 1203) | 4 |
| FDSC 1103 Introduction to Food Science | 3 |
| FDSC 2503 Food Safety and Sanitation - same as <i>CULY 1003</i> | 3 |
| Fine Arts/Humanities OR Social Science OR History Core Elective | 3 |
| Total Semester Hours | 16 |

| Fall Semester Year 2 | |
|--|--------------|
| Course | Hours |
| MATH 2043 Survey of Calculus (Pre-MATH 1203) | 3 |
| CHEM 1123/1121L University Chemistry II (Pre-CHEM 1103) | 4 |
| HESC 1213 Fundamentals of Nutrition | 3 |
| Fine Arts/Humanities OR Social Science OR History Core Elective | 3 |
| <i>CULY 1103 Introduction to Food Preparation (Pre-CULY 1003)</i> | 3 |
| Total Semester Hours | 16 |

| Spring Semester Year 2 | |
|--|--------------|
| Course | Hours |
| Communication Intensive Elective (from approved list-must be 3000-4000 level course) | 3 |
| CHEM 2613/2611L Organic Physiological Chemistry (Pre-CHEM 1123/1121L) | 4 |
| BIOL 2013/2011L General Microbiology (Pre-BIOL 1543/1541L and one semester of chemistry) | 4 |
| General Elective (FDSC 2701 Food for Health recommended) | 1 |
| <i>CULY 1203 Stocks, Sauces and Soups (Pre-CULY 1003 and CULY 1103)</i> | 3 |
| Total Semester Hours | 15 |

| Fall Semester Year 3 | |
|--|--------------|
| Course | Hours |
| STAT 2303 Principles of Statistics (Pre-MATH 1203) | 3 |
| FDSC 4304 Food Chemistry (Pre-CHEM 2613/2611L) | 4 |
| General Elective-must be 3000-4000 level course | 3 |
| Fine Arts/Humanities OR Social Science OR History Core Elective | 3 |
| <i>BAKG 1003 Introduction to Baking (Pre-CULY 1003)</i> | 3 |
| Total Semester Hours | 16 |

| Spring Semester Year 3 | |
|--|--------------|
| Course | Hours |
| Communication Intensive Elective (from approved list-must be 3000-4000 level course) | 3 |
| FDSC 3202 Introduction to Food Law | 2 |
| FDSC 4113/4111L Food Analysis (Pre-CHEM 2613/2611L) | 4 |
| Fine Arts/Humanities OR Social Science OR History Core Elective | 3 |
| <i>CULY 1403 Garde Manger (Pre-CULY 1003, CULY 1103 and CULY 1203)</i> | 3 |
| Total Semester Hours | 15 |

| Summer Year 3 | |
|--|--------------|
| Course | Hours |
| FDSC 431V Internship in Food Science (Pre-junior standing) | 3 |

| Fall Semester Year 4 | |
|--|--------------|
| Course | Hours |
| FDSC 3103 Principles of Food Processing (Pre-CHEM 1123/1121L and MATH 2554 or MATH 2043) | 3 |
| FDSC 4413 Sensory Evaluation of Food (Pre-Statistics) | 3 |
| Fine Arts/Humanities OR Social Science OR History Core Elective | 3 |
| General Elective-must be 3000-4000 level course | 3 |
| <i>CULY 2003 World Cuisine (Pre-CULY 1003, CULY 1103 and CULY 2003)</i> | 3 |
| Total Semester Hours | 15 |

| Spring Semester Year 4 | |
|--|--------------|
| Course | Hours |
| FDSC 4713 Food Product and Process Development (Pre-BIOL 2013/2011L, senior standing, FDSC major or consent) | 3 |
| General Elective-must be 3000-4000 level course | 3 |
| <i>CULY 1303 Center of the Plate Applications (Pre-CULY 1003, CULY 1103 and CULY 1203)</i> | 3 |
| Total Semester Hours | 9 |
| TOTAL HOURS | 120 |