

# 4-Year Degree Plan

Program: Biology

Major Code: 6002

Major: Medical Laboratory Science

Semester 1	Semester 2
ENG 1113 (English Comp I) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) **MATH 1453 (Applied Algebra) BIO 1204 or 1225 (Principles or Diversity)	ENG 1213 (Eng Comp & Research) STAT 2103 (Intro Stats for Sciences) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) BIO 1204 or 1225 (Principles or Diversity)
<b>Total Hours: 15 - 16</b>	<b>Total Hours: 15 - 16</b>

Semester 3	Semester 4
BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) CHEM 3303 (Org Chem I) CHEM 3312 (Org Chem I Lab) Cultural & Language Analysis (3hrs) MATH 2153 (BioCalculus)	BIO 3054 (Microbio & Lab) CHEM 3403 (BioChem I) POL 1113 (American Nat'l Gov't) MCOM 1113 (Speech) Critical Inquiry (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 16</b>

Semester 5	Semester 6
Elective Life Skill (3hrs) Social & Behavioral Analysis (3hrs) HIST 1483 or 1493 (Hist of U.S.) BIO 3303 (Genetics) BIO 2604 (Human Phys & Lab)	BIO 4515 (Path Micro & Lab) HLTH 1112 (Healthy Life Skills) Upper Division Bio or Chem* (4hrs) Aesthetic Analysis (3hrs) Free Electives (2hr)
<b>Total Hours: 16</b>	<b>Total Hours: 16</b>

Semester 7	Semester 8
Med Lab Science Program – Course sequence varies by program	Med Lab Science Program – Course sequence varies by program
<b>Total Hours: 15</b>	<b>Total Hours: 15</b>

**Graduation Totals: 124 Hours**

\*\*Med Lab Science Majors who complete 2 years of H.S. may elect not to take MATH 1453

\*Minimum of 4 hours from the following: Bio 3403, Bio 3464, Bio 3414, Bio 3803, Bio 3813, Bio 4414, Bio 4774, Chem 3203, Chem 3323, Chem 3332, Chem 3442, or Chem 4103

# 5-Year Degree Plan

Program: Biology

Major Code: 6002

Major: Medical Laboratory Science

Semester 1	Semester 2
ENG 1113 (English Comp I) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) **MATH 1453 (Applied Algebra) UNIV 1012 (Success Central)	ENG 1213 (Eng Comp & Research) STAT 2103 (Intro Stats for Sci) POL 1113 (American Nat'l Gov't) BIO 1204 or 1225 (Principles or Diversity)
<b>Total Hours: 13</b>	<b>Total Hours: 13 - 14</b>

Semester 3	Semester 4
BIO 1204 or 1225 (Principles or Diversity) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) HIST 1483/1493 (Hist of U.S.)	BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) CHEM 3303 (Org Chem I) CHEM 3312 (Org Chem I Lab) MCOM 1113 (Speech)
<b>Total Hours: 12 - 13</b>	<b>Total Hours: 12</b>

Semester 5	Semester 6
MATH 2153 (BioCalculus) BIO 3054 (Microbio & Lab) BIO 2604 (Human Phys & Lab) HLTH 1112 (Healthy Life Skills)	BIO 3303 (Genetics) Social & Behavioral Analysis (3hrs) CHEM 3403 (BioChem I) Critical Inquiry (3hrs)
<b>Total Hours: 13</b>	<b>Total Hours: 12</b>

Semester 7	Semester 8
BIO 4515 (Path Micro & Lab) Elective Life Skill (3hrs) Aesthetic Analysis (3hrs) Free Elective*** (1hr)	Upper Division Bio* (4hrs) Cultural & Language Analysis (3hrs) Free Elective*** (5hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 12</b>

Semester 9	Semester 10
Med Lab Science Program – Course sequence varies by program	Med Lab Science Program – Course sequence varies by program
<b>Total Hours: 15</b>	<b>Total Hours: 15</b>

**Graduation Totals: 130 Hours**

\*\*Med Lab Science Majors who complete 2 years of H.S. may elect not to take MATH 1453

\*Minimum of 4 hours from the following: Bio 3403, Bio 3464, Bio 3414, Bio 3803, Bio 3813, Bio 4414, Bio 4774, Chem 3203, Chem 3323, Chem 3332, Chem 3442, or Chem 4103

\*\*\*Students will have to enroll in other free electives to maintain a full-time status.