



Northeastern Junior College

Biology

The following advising guides
address various
areas of emphasis and schools



Northeastern Junior College

Read both sides for important information about this degree!

Student's Associate of Science Degree Worksheet BIOLOGY (CSU)--UNOFFICIAL DEGREE CHECK

(Catalog Year: 2016-2017)

Student Name: _____ S# _____ Date: _____

REQUIRED GENERAL EDUCATION COURSES

Guaranteed transfer courses that are not offered by NJC but are taken at other Colorado institutions may apply to the appropriate GT category under Required General Education Courses.

<p>Written Communication (6 semester credits)</p> <p><input type="checkbox"/> ENG 121 and ENG 122 (6)</p> <p><input type="checkbox"/> ENG 122 and approved GT-C03 course (6)</p>	<p>Oral Communication (3 semester credits)</p> <p><input type="checkbox"/> COM 115 (3)</p> <p><input type="checkbox"/> COM 125 (3)</p> <p><input type="checkbox"/> COM 220 (3)</p>	<p>Mathematics [GT-MA1] (3 semester credits) Credits over 3 will be applied to elective category.</p> <p><input type="checkbox"/> MAT 121 (4)</p> <p><input type="checkbox"/> MAT 122 (3) <input type="checkbox"/> MAT 201 (5) or higher</p> <p><input type="checkbox"/> MAT 166 (5)</p> <p><input type="checkbox"/> MAT 125 (4)</p>	
<p>Natural & Physical Sciences [GT-SC1] (12 semester credits) Credits over 12 will be applied to elective category. Take one 2 lab course sequence in any guaranteed transfer science discipline (GR-SC1) and additional guaranteed transfer lab science course(s) (GT-SC1)</p> <p><input type="checkbox"/> AGY 240 (4) <input type="checkbox"/> BIO 202 (4) <input type="checkbox"/> GEY 111 (4)</p> <p><input type="checkbox"/> AST 101 (4) <input type="checkbox"/> BIO 204 (4) <input type="checkbox"/> GEY 121 (4)</p> <p><input type="checkbox"/> AST 102 (4) <input type="checkbox"/> BIO 208 (5) <input type="checkbox"/> PHY 105 (4)</p> <p><input type="checkbox"/> BIO 105 (4) <input type="checkbox"/> BIO 220 (5) <input type="checkbox"/> PHY 111 (5)</p> <p><input type="checkbox"/> BIO 111 (5) <input type="checkbox"/> CHE 111 (5) <input type="checkbox"/> PHY 112 (5)</p> <p><input type="checkbox"/> BIO 112 (5) <input type="checkbox"/> CHE 112 (5) <input type="checkbox"/> PHY 211 (5)</p> <p><input type="checkbox"/> BIO 201 (4) <input type="checkbox"/> ENV 101 (4) <input type="checkbox"/> PHY 212 (5)</p>		<p>Physical Education (NJC Graduation Requirement) Lifetime Fitness/Wellness Skills – any 2 unduplicated credits (two 1-credit courses or one 2+ credits course) Courses that will fulfill this requirement: Any 1 credit hour PED or DAN course (excluding PED 110, 111, 112, 113) or any of the following HWE courses: HWE 100 (on-campus), HWE 111, HWE 124, HWE 103, HWE 113</p> <p><input type="checkbox"/> _____ <input type="checkbox"/> _____</p>	
<p>Arts & Humanities (6 semester credits) Take two courses from two different areas (GT-AH1, GT-AH2, GT-AH3 or GT-AH4)</p>		<p>History (3 credits) Take one course</p>	
<p>Arts [GT-AH1]</p> <p><input type="checkbox"/> ART 110 (3)</p> <p><input type="checkbox"/> ART 111 (3)</p> <p><input type="checkbox"/> ART 112 (3)</p> <p><input type="checkbox"/> ART 207 (3)</p> <p><input type="checkbox"/> MUS 120 (3)</p> <p><input type="checkbox"/> MUS 121 (3)</p> <p><input type="checkbox"/> MUS 122 (3)</p> <p><input type="checkbox"/> MUS 123 (3)</p> <p><input type="checkbox"/> MUS 125 (3)</p> <p><input type="checkbox"/> THE 105 (3)</p> <p><input type="checkbox"/> THE 211 (3)</p> <p><input type="checkbox"/> THE 212 (3)</p> <p><input type="checkbox"/> Other GT-AH1: _____</p>	<p>Literature & Humanities [GT-AH2]</p> <p><input type="checkbox"/> HUM 115 (3)</p> <p><input type="checkbox"/> HUM 121 (3)</p> <p><input type="checkbox"/> HUM 122 (3)</p> <p><input type="checkbox"/> HUM 123 (3)</p> <p><input type="checkbox"/> LIT 115 (3)</p> <p><input type="checkbox"/> LIT 201 (3)</p> <p><input type="checkbox"/> LIT 202 (3)</p> <p><input type="checkbox"/> LIT 205 (3)</p> <p><input type="checkbox"/> LIT 211 (3)</p> <p><input type="checkbox"/> LIT 212 (3)</p> <p><input type="checkbox"/> LIT 225 (3)</p> <p><input type="checkbox"/> LIT 259 (3)</p> <p><input type="checkbox"/> Other GT-AH2: _____</p>	<p>Ways of Thinking [GT-AH3]</p> <p><input type="checkbox"/> PHI 111 (3)</p> <p><input type="checkbox"/> PHI 112 (3)</p> <p><input type="checkbox"/> PHI 113 (3)</p> <p><input type="checkbox"/> PHI 114 (3)</p> <p><input type="checkbox"/> PHI 214 (3)</p> <p><input type="checkbox"/> PHI 218 (3)</p> <p><input type="checkbox"/> Other GT-AH3: _____</p> <p>Foreign Lang [GT-AH4]</p> <p><input type="checkbox"/> SPA 211 (3)</p> <p><input type="checkbox"/> SPA 212 (3)</p> <p><input type="checkbox"/> Other GT-AH4: _____</p>	<p>History [GT-H11]</p> <p><input type="checkbox"/> HIS 101 (3)</p> <p><input type="checkbox"/> HIS 102 (3)</p> <p><input type="checkbox"/> HIS 111 (3)</p> <p><input type="checkbox"/> HIS 112 (3)</p> <p><input type="checkbox"/> HIS 121 (3)</p> <p><input type="checkbox"/> HIS 122 (3)</p> <p><input type="checkbox"/> HIS 208 (3)</p> <p><input type="checkbox"/> HIS 225 (3)</p> <p><input type="checkbox"/> HIS 236 (3)</p> <p><input type="checkbox"/> HIS 244 (3)</p> <p><input type="checkbox"/> HIS 245 (3)</p> <p><input type="checkbox"/> HIS 247 (3)</p> <p><input type="checkbox"/> HIS 260 (3)</p> <p><input type="checkbox"/> Other GT H11: _____</p>
<p>Social & Behavioral Sciences (6 semester credits) Two guaranteed transfer Social and Behavior Science courses (GT-SS1, GT-SS2, GT-SS3) OR One guaranteed transfer Social and Behavioral Science course (GT-SS1, GT-SS2, GT-SS3) AND One guaranteed transfer History course (GT-H11)</p>		<p>Economics & Political Systems [GT-SS1]</p> <p><input type="checkbox"/> AGE 102 (3)</p> <p><input type="checkbox"/> ECO 101 (3)</p> <p><input type="checkbox"/> ECO 201 (3)</p> <p><input type="checkbox"/> ECO 202 (3)</p> <p><input type="checkbox"/> POS 105 (3)</p> <p><input type="checkbox"/> POS 111 (3)</p> <p><input type="checkbox"/> POS 205 (3)</p> <p><input type="checkbox"/> POS 125 (3)</p> <p><input type="checkbox"/> Other GT-SS1: _____</p> <p>Geography [GT-SS2]</p> <p><input type="checkbox"/> GEO 105 (3)</p> <p><input type="checkbox"/> GEO 106 (3)</p> <p><input type="checkbox"/> Other GT-SS2: _____</p>	<p>Human Behavior, Culture, or Social Frameworks [GT-SS1]</p> <p><input type="checkbox"/> AGR 260 (3)</p> <p><input type="checkbox"/> ANT 101 (3)</p> <p><input type="checkbox"/> ANT 107 (3)</p> <p><input type="checkbox"/> ANT 111 (3)</p> <p><input type="checkbox"/> ANT 215 (3)</p> <p><input type="checkbox"/> ANT 250 (3)</p> <p><input type="checkbox"/> JOU 105 (3)</p> <p><input type="checkbox"/> PSY 101 (3)</p> <p><input type="checkbox"/> PSY 102 (3)</p> <p><input type="checkbox"/> PSY 171 (3)</p> <p><input type="checkbox"/> PSY 217 (3)</p> <p><input type="checkbox"/> PSY 226 (3)</p> <p><input type="checkbox"/> PSY 227 (3)</p> <p><input type="checkbox"/> PSY 235 (3)</p> <p><input type="checkbox"/> PSY 238 (3)</p> <p><input type="checkbox"/> PSY 240 (3)</p> <p><input type="checkbox"/> PSY 249 (3)</p> <p><input type="checkbox"/> SOC 101 (3)</p> <p><input type="checkbox"/> SOC 102 (3)</p> <p><input type="checkbox"/> SOC 215 (3)</p> <p><input type="checkbox"/> SOC 216 (3)</p> <p><input type="checkbox"/> SOC 218 (3)</p> <p><input type="checkbox"/> SOC 220 (3)</p> <p><input type="checkbox"/> SOC 231 (3)</p> <p><input type="checkbox"/> SOC 237 (3)</p> <p><input type="checkbox"/> Other GT-SS1: _____</p>

Additional Electives

Additional 21 credits of electives selected from the Approved Electives List. Select these courses with your advisor to better fit the requirements of your anticipated major at your transfer college or university.

- CHE 205 (5) _____ CHE 212 (5) _____
- CHE 211 (5) _____

TOTAL (60 semester credits required)
BOLD-Required Courses

IMPORTANT

- This degree worksheet is subject to change. Please work closely with an advisor to create your academic plan and ensure a successful experience at NJC.

ADDITIONAL GRADUATION REQUIREMENTS FOR ASSOCIATE OF SCIENCE DEGREE

- No developmental courses may be applied to this degree.
- Minimum Grade Point Average 2.0 is required for the degree.
- The official graduation contract is based on the NJC catalog in effect when the student formally matriculated into the program of study under which she/he plans to graduate.

COLORADO GUARANTEED TRANSFER PROGRAM FOR GENERAL EDUCATION (gtPATHWAYS)

These Courses are guaranteed to transfer with you and count toward your general education core or graduation requirements for most, but not all, associate's or bachelor's degree programs. If you completed a course before it became effective as a gtPATHWAYS course, the institution to which you transfer has the option to accept it or not accept it. For more information and the most updated list of gtPATHWAYS courses, including dates when individual courses became effective, visit

<http://higher.ed.colorado.gov/Academics/Transfers/gtPathways/curriculum.html>.

If you complete an Associate of Arts or Associate of Science degree, 60 credits are guaranteed to transfer to a Colorado public four-year school, once you are accepted for admission. You should be able to finish a bachelor's degree within another 60 credits. This is called a 60+60 transfer plan. Please note that some majors at the four-year school require specific courses that must be completed as part of the A.A or A.S degree. Note also that some majors may exceed the typical 120 credits required to graduate. For more information on Colorado's 60+60 program, including transfer guides and a list of applicable degrees, visit <http://higher.ed.colorado.gov/Academics/Transfers/gtPathways/default.html>.

Additional notes regarding transfer:

Only courses completed with a "C" or higher will be eligible to transfer.

Transferring credit to NJC. Transfer courses will be evaluated for NJC course equivalency and applied to degree requirements according to state and college policy. Completion of general education course requirements by transfer from any private or out-of-state public institution may meet NJC degree requirements but could invalidate the 60+60 guaranteed transfer. The receiving institution will evaluate those credits according to its standard policy. **Credit for Prior Learning:** Credit earned through prior learning methodologies (including CLEP, Advanced Placement, International Baccalaureate, articulation, military, corporate, challenge exam, portfolio credit, substitutions, correspondence courses, or independent study) may meet NJC degree requirements but could invalidate the 60+60 guaranteed transfer. The receiving institution will evaluate those credits according to its standard policy. Students who wish to use credits awarded by exam to fulfill specific course requirements are responsible for consulting with the institution to which they are considering transferring to determine whether the credits they have been awarded by exam meet the standards of the receiving institution for specific course equivalents.

Refer to the college catalog and website for complete information about this agreement and other academic matters.

APPROVED ELECTIVE LIST FOR ASSOCIATE OF SCIENCE DEGREE

Elective credit for the Associate of Science degree must be completed from an approved list of prefixes and courses. Selection of elective credits and course sequencing should be done in consultation with an advisor and the four-year institution to which you intend to transfer.

Cell & Molecular Biology emphasis- CHE 211, CHE 212

Pre-health and Biomedical Sciences emphasis- CHE 211, CHE 212, BIO 201, BIO 202

Ecology and Evolutionary Biology emphasis- CHE 205 or CHE 211

IMPORTANT

- This degree worksheet is subject to change. Please work closely with an advisor to create your academic plan and ensure a successful experience at NJC.

ADDITIONAL GRADUATION REQUIREMENTS FOR ASSOCIATE OF SCIENCE DEGREE

- No developmental courses may be applied to this degree.
- Minimum Grade Point Average 2.0 is required for the degree.
- The official graduation contract is based on the NJC catalog in effect when the student formally matriculated into the program of study under which she/he plans to graduate.

COLORADO GUARANTEED TRANSFER PROGRAM FOR GENERAL EDUCATION (gtPATHWAYS)

These Courses are guaranteed to transfer with you and count toward your general education core or graduation requirements for most, but not all, associate's or bachelor's degree programs. If you completed a course before it became effective as a gtPATHWAYS course, the institution to which you transfer has the option to accept it or not accept it. For more information and the most updated list of gtPATHWAYS courses, including dates when individual courses became effective, visit

<http://highered.colorado.gov/Academics/Transfers/gtPathways/curriculum.html>.

If you complete an Associate of Arts or Associate of Science degree, 60 credits are guaranteed to transfer to a Colorado public four-year school, once you are accepted for admission. You should be able to finish a bachelor's degree within another 60 credits. This is called a 60+60 transfer plan. Please note that some majors at the four-year school require specific courses that must be completed as part of the A.A or A.S degree. Note also that some majors may exceed the typical 120 credits required to graduate. For more information on Colorado's 60+60 program, including transfer guides and a list of applicable degrees, visit <http://highered.colorado.gov/Academics/Transfers/gtPathways/default.html>.

Additional notes regarding transfer:

Only courses completed with a "C" or higher will be eligible to transfer.

Transferring credit to NJC. Transfer courses will be evaluated for NJC course equivalency and applied to degree requirements according to state and college policy. Completion of general education course requirements by transfer from any private or out-of-state public institution may meet NJC degree requirements but could invalidate the 60+60 guaranteed transfer. The receiving institution will evaluate those credits according to its standard policy.

Credit for Prior Learning: Credit earned through prior learning methodologies (including CLEP, Advanced Placement, International Baccalaureate, articulation, military, corporate, challenge exam, portfolio credit, substitutions, correspondence courses, or independent study) may meet NJC degree requirements but could invalidate the 60+60 guaranteed transfer. The receiving institution will evaluate those credits according to its standard policy. Students who wish to use credits awarded by exam to fulfill specific course requirements are responsible for

APPROVED ELECTIVE LIST FOR ASSOCIATE OF SCIENCE DEGREE

Elective credit for the Associate of Science degree must be completed from an approved list of prefixes and courses. Selection of elective credits and course sequencing should be done in consultation with an advisor and the four-year institution to which you intend to transfer.