



**METROPOLITAN STATE  
COLLEGE of DENVER**

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## **2009–2010 COLORADO COMMUNITY COLLEGE TRANSFER BOOKLET**

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This Transfer Booklet is designed for students who attend **public Colorado community colleges**. It will provide you with information about community college classes that transfer to specific bachelor degrees at Metro State.

We will accept transfer credit only from institutions of higher education holding full regional accreditation. We award up to 64 semester hours of transferable credit from a two-year institution and up to 90 semester hours from a four-year institution or from a combination of two-year and four-year institutions.

Transfer credit is accepted only for those classes in which a grade of "C-" or better is earned and in which class content is similar to coursework offered at Metro State. Your GPA at Metro State will not include your grades from previous institutions.

### **Transfer Services**

At Metro State, transfer students represent over 50% of new students each year. We know that you have unique questions and needs regarding transferring to a new college. The Transfer Services Office is here to give you special attention to facilitate a smooth transition to Metro State. Our counselors are available for walk-ins and by appointment and will:

- Guide you in choosing appropriate courses while you are attending another college or university.
- Assist you with admission requirements and the application process.
- Provide unofficial evaluation of transfer credit so you'll know what courses will transfer and what you'll need to take once at Metro State.
- Connect you with an academic advisor or your major department so you can complete your degree as efficiently as possible.
- Serve as a liaison for transfer students.

**Location:** Central Classroom 106      **Telephone:** 303-556-3774      **Fax:** 303-352-4329

**Hours:** Monday 8:00 a.m. – 6:00 p.m. and Tuesday through Friday 8:00 a.m. – 5:00 p.m.

**Web site:** <https://www.mscd.edu/admissions/transfer/index.shtml>

**E-mail:** [mscd-transferquestions@mscd.edu](mailto:mscd-transferquestions@mscd.edu)



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## COMMUNITY COLLEGE REPRESENTATIVES

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*Arapahoe Community College  
Community College of Aurora*

**Vaughn Toland**  
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Contact the Transfer Services  
office if you are attending a  
community college not listed above.

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## I. TRANSFER STUDENT SCHOLARSHIP INFORMATION

<https://www.mscd.edu/admissions/transfer/index.shtml>

### Transfer to-do list

- Schedule an appointment with a Metro State transfer counselor to determine how your previous college credits may transfer and whether you will need any assessment tests. (Bring along previous college transcripts.)
- Complete your Metro State application at [www.mscd.edu/enroll/admissions/application](http://www.mscd.edu/enroll/admissions/application)
- Request official college transcripts and have them sent to Metro State's Office of Admissions, Campus Box 44, P.O. Box 173362; Denver, CO 80217-3362.

## II. STATEWIDE GUARANTEED TRANSFER PROGRAM GT PATHWAYS CURRICULUM FOR 2009/2010

Colorado's Statewide Guaranteed Transfer Program is a set of general education courses that are guaranteed to transfer to Metro State and apply to your general education, major, minor, or elective requirements.

### COMMUNICATIONS (GT-C01 and C02) 6 credits

Complete both courses  
ENG 121, ENG 122

### MATHEMATICS (GT-MA1) 3 credits

Complete one course  
MAT 120, 121, 122, 123, 125, 135, 155, 156, 166, 201, 202, 203, 204, 215, 255, 261, 265

### NATURAL AND PHYSICAL SCIENCES

(GT-SC1, GT-SC2) 7 credits

Complete two courses, one of which must be a laboratory based course  
AST 101, 102, BIO 105, 111, 112, 201, 202, 204, 208, 220, 221, CHE 101, 102, 105, 111, 112, ENV 101, GEO 111, GEY 111, 121, MET 150, NRE 251, PHY 105, 111, 112, 211, 212, SCI 155, 156

### ARTS & HUMANITIES, HISTORY & SOCIAL AND BEHAVIORAL SCIENCES —15 credits

Select at least two courses from among any of the subcategories listed below:

#### Arts & Expression (GT-AH1)

ART 110, 111, 112, 207, DAN 125, MUS 120, 121, 122, 123, THE 105, 211, 212

#### Literature & Humanities (GT-AH2)

HUM 115, 121, 122, 123, LIT 115, 201, 202, 205, 211, 212, 221, 222, 225, and 268

#### Ways of Thinking (GT-AH3)

PHI 111, 112, 113, 114, 214

#### Foreign Languages (GT-AH4)

FRE 211, 212, GER 211, 212, ITA 211, 212, JPN 211, 212, RUS 211, 212, SPA 211, 212

Select one course from the subcategory listed below:

#### History (GT-HI1)

HIS 101, 102, 111, 112, 201, 202, 236, 247, 249

Select one course from the subcategories listed below:

**Economics or Political Systems** (GT-SS1)

ECO 101, 201, 202, 245, POS 105, 111, 205, 225

**Geography** (GT-SS2)

GEO 105, 106

**Human Behavior, Culture, or  
Social Frameworks** (GT-SS3)

ANT 101, 107, 111, 215, ETH 200, JOU 105, PSY 101,  
102, 205, 217, 226, 227, 235, 238, 240, 249, SOC 101,  
102, 205, 215, 216, 220, 231, WST 200

Select one course:

**Speech Requirement\***

COM 115, COM 125

*\*This is a Colorado community college system  
requirement and is in addition to the state  
guaranteed general education transfer courses.*

### III. METRO STATE 60+60 MAJORS

For the approved 60+60 majors at Metro State, students should complete an A.A. or A.S. degree at the community college prior to transferring. Any major with an asterisk (\*) means that certain **prerequisites** must be included within the 60 credit associate's degree at the community college. The specific courses required for these majors are listed below. See your Metro State representative for additional information.

***African & African American Studies - B.A.***

***Anthropology - B.A.***

***Behavioral Science - B.A.***

***Biology\* - B.A./B.S.*** (no concentration)

***Chemistry\* - B.A./B.S.***

***Chicano Studies - B.A.***

***Computer Science\* - B.S.***

***Economics - B.A.***

***English - B.A./Literature Concentration***

***History - B.A.***

***Human Development - B.A.***

Applied Track - General

***Human Performance & Sport - B.A.***

Sport and Allied Fields/Sport Industry Operations Concentrations

***Journalism - B.A./News/Editorial Concentration***

***Mathematics\* - B.A./B.S./General Concentration***

***Modern Languages - B.A.***

***Philosophy - B.A.***

***Physics\* - B.A./B.S.***

***Political Science - B.A.***

***Psychology - B.A.***

***Social Work - B.S./General Concentration***

***Sociology - B.A.***

***Speech Communication - B.A.***

Organizational Communication/Communications Theory Concentrations

***Technical Communications - B.S.***

Technical Writing and Editing Concentration

***Theatre - B.A.*** (no concentration)

***Individualized Degree Program - B.A./B.S.***

(Please contact the IDP Office at 303-556-8342).

## **AFRICAN & AFRICAN AMERICAN STUDIES**

### **303-556-3103**

Major courses only offered at Metro State.

## **ANTHROPOLOGY**

### **303-556-3167**

Additional major courses to include in associate's degree:  
ANT 111, 101, 107

## **BEHAVIORAL SCIENCE**

### **303-556-3167**

Additional major courses to include in associate's degree:  
ANT 101, ECO 201, HIS 202, POS 111, PSY 101 or 102  
(take both if psychology emphasis) SOC 101

## **BIOLOGY (Bachelor of Arts)**

### **(no concentration)**

#### **303-556-3213**

Additional major courses to include in associate's degree:  
BIO 111, 112, CHE 101, MAT 121

Choose two of these options:

*Option 1:* BIO 204

*Option 2:* BIO 221

*Option 3:* BIO 201 and 202

## **BIOLOGY (Bachelor of Science)**

### **(no concentration)**

#### **303-556-3213**

Additional major courses that must be included  
in associate's degree:

BIO 111, 112, CHE 111, 112, MAT 121

Choose two of these options:

*Option 1:* BIO 204

*Option 2:* BIO 221

*Option 3:* BIO 201 and 202

## **CHEMISTRY (Bachelor of Arts)**

### **303-556-2610**

Additional major courses to include in associate's degree:  
CHE 111, 112, 211, 212, PHY 111, MAT 121  
(or higher level math), MAT 201

## **CHEMISTRY (Bachelor of Science)**

### **303-556-2610**

Additional major courses that must be included in  
associate's degree:  
CHE 111, 112, 211, 212, MAT 121 (or higher level math),  
MAT 201, 202, 203, PHY 111, 112 or 211, 212

## **CHICANA/CHICANO STUDIES**

### **303-556-3124**

Additional major courses to include in associate's degree:  
SPA 111, 112, 211 or 212

## **COMPUTER SCIENCE**

### **303-556-3208**

Additional major courses that must be included in  
associate's degree:

BIO 111, 112 or CHE 111, 112 or PHY 211, 212

CSC 160, 161, ENG 131, MAT 201, 202

*Note: Students attending CCA should check with the  
Metro representative for more information about the  
CS articulation agreement.*

## **ECONOMICS MAJOR**

### **303-556-3217**

Additional major courses to include in associate's degree:  
ECO 201, 202, MAT 121 or 123 and 125 or 201

## **ENGLISH**

### **Literature Concentration**

#### **303-556-3211**

Additional major courses to include in associate's degree:  
LIT 201, 202, 211, 212, 221, 222

## **HISTORY**

### **303-556-3113**

Additional major courses to include in associate's degree:  
HIS 101, 102, 201, 202

## **HUMAN DEVELOPMENT**

### **Applied Track – General**

#### **303-556-3205**

Additional major courses to include in associate's degree:  
NUT 100, PSY 101, 102

## **HUMAN PERFORMANCE & SPORT**

### **Sport and Allied Fields Concentration/Sports**

#### **Industry Operations**

#### **303-556-3145**

BIO 111, 201, PSY 101 & 102

HWE 100 - Human Nutrition (Adult Fitness & Exercise  
Science Concentration/Athletic Training Concentration)

## **JOURNALISM**

### **News/Editorial Concentration**

#### **303-556-3485**

Additional major courses to include in associate's degree:  
JOU 105, 106

*Note: Journalism majors are required to take four semesters of one foreign language or prove proficiency in a language other than English.*

## **MATHEMATICS**

### **General Concentration**

#### **303-556-3208**

Additional major courses that must be included in associate's degree:

CSC 160, MAT 201, 202, 203

*Note: take prerequisites for Calculus I.*

## **MODERN LANGUAGES**

#### **303-556-2908**

*Option I* requires a minimum of 42 hours in one of the following languages: French, German or Spanish. Students pursuing Option I for the degree in Modern Languages need a minor.

*Option II* requires a minimum of 60 hours in a combination of two modern languages: French, German or Spanish. No minor is required.

FRE 211, 212, GER 211, 212, SPA 211, 212

## **PHYSICS (Bachelor of Arts)**

#### **303-556-2454**

Additional major courses to include in associate's degree:  
MAT 201, 202, PHY 211, 212

## **PHYSICS (Bachelor of Science)**

#### **303-556-2454**

Additional major courses that must be included in associate's degree:

CHE 111, 112, PHY 211, 212, MAT 201\*, 202, 203

*\*Note: take prerequisites for Calculus I.*

## **PHILOSOPHY**

#### **303-556-3097**

Major courses only offered at Metro State.

## **POLITICAL SCIENCE**

#### **303-556-3220**

Additional major courses to include in associate's degree:  
POS 105, 111

## **PSYCHOLOGY**

#### **303-556-3205**

Additional major courses to include in associate's degree:  
BIO 105 or 111, PSY 101, 102, 226, 235

## **SOCIAL WORK**

### **(no concentration)**

#### **303-556-4464**

Additional major courses to include in associate's degree:  
ANT 101, BIO 105, MAT 135, POS 111,  
PSY 101, 102, SOC 101

## **SOCIOLOGY**

#### **303-556-3167**

Additional major courses to include in associate's degree:  
SOC 101, MAT 135 (highly recommended)

## **SPEECH COMMUNICATION**

### **Organizational Communication Concentration**

#### **303-556-3033**

Additional major courses to include in associate's degree:  
COM 115, COM 125

## **TECHNICAL COMMUNICATIONS**

### **Technical Writing & Editing Concentration**

#### **303-556-2518**

Additional major courses to include in associate's degree:  
ENG 131

## **THEATRE**

### **(no concentration)**

#### **303-556-3073**

Additional major courses to include in associate's degree:  
THE 105, 111, 131

## IV. BUSINESS MAJORS

*Accounting 303-556-3181*

*Computer Information Systems 303-556-3122*

*Finance 303-556-3776*

*Management 303-556-3247*

*Marketing 303-556-3182*

Complete the statewide business articulation agreement listed below.

### GENERAL EDUCATION REQUIREMENTS:

#### English Composition:

ENG 121, 122

#### Mathematics:

MAT 123 or 121 & 125

#### Communications:

COM 115

#### History:

One GT history course (Metro recommends HIS 201 or 202)

#### Arts & Letters

Two GT Arts & Humanities courses (see page 16)

#### Social Sciences:

ECO 201, 202

#### Natural Sciences:

Two Lab based GT science courses (see pages 17-18)

### BUSINESS REQUIREMENTS:

ACC 121, 122, BUS 115, 216, 217, 226\*

*\*If a student completes MAT 121, or MAT 123, and MAT 125, with a "C-" or better, BUS 226 business statistics course will transfer as CIS 2300. However, if a student does not have the above sequence, Metro State will transfer the business statistics course as CIS 8000 and it will require approval by the CIS department to transfer as CIS 2300.*

## V. ADDITIONAL METRO STATE MAJORS

For the following majors, it is recommended that students **DO NOT COMPLETE** an entire associate's degree program at the community college, but rather take the courses listed below for your major program and then transfer to Metro. **Students need to be aware not to exceed the 64 semester hour transfer credit limit.**

#### Art

*Aviation Management/Technology*

*Civil Engineering Technology*

*Criminal Justice*

*Electrical Engineering Technology*

*Environmental Science*

*Health Care Management*

*Hospitality, Tourism & Events*

*Human Nutrition*

*Human Performance & Sport*

*(Adult Fitness & Exercise Science/ Athletic Training Concentration)*

*Human Services*

*Industrial Design*

*Integrated Therapeutic Practices*

*Land Use*

*Mechanical Engineering Technology Meteorology*

*Music*

*Nursing*

*Recreation Professions*

*Surveying & Mapping*

### ART

**303-556-3090**

#### Freshman Composition:

ENG 121, 122

**Mathematics** (3 semester hours) see page 15

#### Communications

(3 semester hours) see page 15

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours)

*(may not be an Art course)* see page 16

**Social Sciences** (6 semester hours)

see page 17

**Natural Sciences** (6 semester hours)

see pages 17-18

#### Include the following major requirements:

ART 111, 112, 121, 131, 132

## **AVIATION MANAGEMENT**

**303-556-2982**

### **Freshman Composition:**

ENG 121, 122

### **Mathematics:**

MAT 121 or 123 & 135

### **Communications:**

COM 115

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

### **Social Sciences:**

ECO 201, 202

### **Natural Sciences**

Physics of Aviation (*only offered at Metro State*)

CHE 101 (*aerospace maintenance concentration only*)

ENG 131 (*aviation management/space commercialization concentration only*)

PSY 101 or 102 (*aviation management/ space commercialization concentrations only*)

## **AVIATION TECHNOLOGY**

**303-556-2982**

### **Freshman Composition:**

**ENG 121, 122**

### **Mathematics:**

MAT 121 or MAT 123

MAT 125 (*aerospace operations/corporate concentrations only*)

MAT 135 (*aerospace operations/corporate/general aviation and space commercialization concentrations*)

### **Communications:**

COM 115

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

### **Social Sciences:**

ECO 201, 202

### **Natural Science:**

Physics of Aviation (*only offered at Metro State*)

ENG 131 (*corporate/general aviation/aerospace operations and space commercialization concentrations only*)

MAN 226 (*aerospace operations/space commercialization concentrations only*)

PSY 101 or 102 (*aerospace operations/space commercialization concentrations only*)

## **CIVIL ENGINEERING TECHNOLOGY**

**303-556-3227**

### **Freshman Composition:**

ENG 121, 122

### **Mathematics:**

MAT 201, 202, 203

### **Communications:**

COM 115

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

### **Social Sciences:**

ECO 201 or 202

and one additional social science course, see page 17

### **Natural Sciences:**

CHE 101 or CHE111 & PHY 211, 212

### **Include the following major requirement:**

ENG 131

## **CRIMINAL JUSTICE & CRIMINOLOGY**

**303-556-2980**

### **English Composition:**

ENG 121, 122

**Mathematics** (3 semester hours) see page 15

**Communications** (3 semester hours) see page 15

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

### **Social Sciences:**

PSY 101, 102, SOC 101

### **Natural Sciences:**

BIO 105

and one additional natural science course see pages 17-18

The following CRJ courses are part of an articulation agreement between Colorado community colleges and Metro State that allows students to take additional CRJ courses at all Colorado Community Colleges.

CRJ 110, 125, 135, 145, 150, 205, 236 or SOC 212

## **ELECTRICAL ENGINEERING TECHNOLOGY**

**303-556-2503**

### **English Composition:**

ENG 121, 122

### **Mathematics:**

MAT 121 & 122 or 166, & 201, 202

### **Communications:**

COM 115

**History** (3 semester hours) see page 16

### **Arts & Letters:**

PHI 112 (*computer engineering technology concentration only*)  
and one additional arts & letters course, see page 16

**Social Sciences** (6 semester hours) see page 17

### **Natural Sciences:**

CHE 101 or 111 & 112 & PHY 211, 212,

### **Include the following major requirement:**

ENG 131

## **ENVIRONMENTAL SCIENCE**

**303-556-3143**

### **English Composition:**

ENG 121, 122

### **Mathematics:**

MAT 121, 135

**Communications** (3 semester hours) see page 15

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

**Social Sciences** (6 semester hours) see page 17

### **Natural Sciences:**

BIO 111, 204 (*environmental chemistry concentration only*)

CHE 111, 112 (*all environmental concentrations take  
CHE 111 and CHE 112 (except multidisciplinary  
concentration take only CHE 111)*)

CHE 211 (*environmental chemistry, water quality  
concentrations*)

EST 101, GEY 111

## **HEALTH CARE MANAGEMENT**

**303-556-3130**

Additional major courses to include in associate's degree:  
ACC 121, ECO 202, MAR 216, MAT 135

*Note: Students that have an associate's degree in health  
occupation may substitute up to 24 hours of selected,  
approved associate's degree courses in place of a minor  
toward the bachelor's degree. See your Metro State  
representative for more details.*

## **HOSPITALITY, TOURISM & EVENTS**

**303-556-3152**

### **English Composition:**

ENG 121, 122

### **Mathematics:**

MAT 135

### **Communications:**

COM 115

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

**Social Sciences** (6 semester hours) see page 17

### **Natural Sciences:**

HWE 100

and one additional natural science course, see pages 17-18

### **Include the following major requirements:**

ACC 121, MAN 226

## **HUMAN PERFORMANCE & SPORT**

**(Adult Fitness & Exercise Science/  
Athletic Training Concentration)**

**303-556-3145**

### **Freshman Composition:**

ENG 121, 122

### **Mathematics:**

MAT 135 (*recommended*)

**Communications** (3 semester hours) see page 15

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

### **Social Sciences:**

PSY101, 102

### **Natural Sciences:**

BIO 111, 201

## **HUMAN NUTRITION**

### **303-556-3130**

#### **Freshman Composition:**

ENG 121, 122

#### **Mathematics** (3 semester hours)

MAT 135

#### **Communications:**

COM 125 (*recommended*)

#### **History** (3 semester hours) see page 16

#### **Arts & Letters** (6 semester hours) see page 16

#### **Social Sciences** (6 semester hours)

ECO 202, SOC 101

#### **Natural Sciences** (6 semester hours)

BIO 111, 201, 202, CHE 101, HWE 100

## **HUMAN SERVICES**

### **303-556-2951**

#### **Freshman Composition:**

ENG 121,122

#### **Mathematics** (3 semester hours) See page 15

#### **Communications** (3 semester hours) See page 15

#### **History** (3 semester hours) see page 16

#### **Arts & Letters** (6 semester hours) see page 16

#### **Social Sciences** (6 semester hours) See page 17

PSY 101, 102 (*recommended for Domestic Violence concentration*)

#### **Natural Sciences** (6 semester hours)

BIO 105 (*Domestic Violence concentration only*)

additional natural science course see pages 17-18

## **INDUSTRIAL DESIGN**

### **303-556-2916**

#### **English Composition:**

ENG 121, 122

#### **Mathematics:**

MAT 135

#### **Communications:**

COM 115

#### **History** (3 semester hours) see page 16

#### **Arts & Letters** (6 semester hours) see page 16

#### **Social Sciences:**

PSY 101, 102

#### **Natural Sciences:**

Chemistry in Society (*Must be taken at Metro State*)

PHY 101 or 105

#### **Include the following major requirements:**

ART 112, 121, 131, 132

## **INTEGRATIVE THERAPEUTIC PRACTICES**

### **303-556-3130**

#### **Freshman Composition:**

ENG 121, 122

#### **Mathematics:**

MAT 135

#### **Communications:**

COM 115 or COM 125

#### **History** (3 semester hours) see page 16

#### **Arts & Letters** (6 semester hours) see page 16

#### **Social Sciences:**

ANT 101 must take additional social science course at Metro State

#### **Natural Sciences:**

BIO 111, 201, 201, CHE 101

## **LAND USE**

### **303-556-3143**

#### **Freshman Composition:**

ENG 121, 122

#### **Mathematics:**

MAT 121, 135

MAT 121 or 166 or 201 (GIS Concentration)

#### **Communications** (3 semester hours) see page 15

#### **History** (3 semester hours) see page 16

#### **Arts & Letters** (6 semester hours) see page 16

#### **Social Sciences** (6 semester hours) see page 17

#### **Natural Sciences:**

GEY 111

and one additional natural science course, see pages 17-18

## **MECHANICAL ENGINEERING TECHNOLOGY**

**303-556-2976**

### **Freshman Composition:**

ENG 121, 122

### **Mathematics:**

MAT 166, 201, 202

### **Communications:**

COM 115

**History** (3 semester hours) see page 16

### **Arts & Letters:**

PHI 112 and one additional arts & letters course, see page 16

### **Social Sciences:**

ECO 201

and one additional social science course, see page 17

### **Natural Sciences:**

CHE 101 or 111 & PHY 211, 212

### **Include the following major requirement:**

ENG 131

## **METEOROLOGY**

**303-556-3143**

### **Freshman Composition:**

ENG 121, 122

### **Mathematics:**

MAT 201, 202, 203

**Communications** (3 semester hours) see page 15

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

**Social Sciences** (6 semester hours) see page 17

### **Natural Sciences:**

CHE 111, PHY 211, 212

## **MUSIC (BA only)**

**303-556-3180**

Major courses only offered at Metro State.

## **NURSING**

**303-556-4391**

To major in nursing at Metro State, students must:

- Be a graduate from an associate degree or diploma nursing program.
- Be currently licensed as a registered nurse in Colorado.

At least 33 approved credit hours are required by Metro State to complete your General Studies requirements ("C" or above will transfer). Certain General Studies courses taken at your basic nursing program meet Metro State nursing program requirements. See your Metro State representative for more information.

### **The Accelerated Nursing Program**

This accelerated program requires a baccalaureate degree in any field and provides coursework to complete a second baccalaureate degree in nursing. Students will complete this degree in 13 months and sit for the RN licensure examination. See the following web site for more information <http://www.mscd.edu/~abs-nur/>. The accelerated nursing program requires prior completion of the following classes with a minimum GPA of 3.0. The following pre-requisites must be completed before applying for the program. You are not allowed to take/finish pre-requisites while attending the Accelerated Nursing Program.

- Non-nursing baccalaureate degree
- \*Anatomy and Physiology I with lab
- \*Anatomy and Physiology II with lab
- \*General Microbiology with lab
- Introductory Statistics Course
- Human Growth and Development
- Human Nutrition
- Multicultural course

*\*NOTE: online labs are not accepted.*

## **RECREATION PROFESSIONS**

**303-556-3145**

### **Freshman Composition:**

ENG 121, 122

**Mathematics** (3 semester hours) see page 15

**Communications** (3 semester hours) see page 15

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

**Social Sciences:**

PSY 101 or 102 & 235

**Natural Sciences** (6 semester hours) see pages 17-18

**Include the following major requirements:**

MAN 226, MAR 216 (*management concentration only*)

**SURVEYING & MAPPING**

**303-556-2508**

**Freshman Composition:**

ENG 121, 122

**Mathematics:**

MAT 166, 201, 202, 203

**Communications:**

COM 115

**History** (3 semester hours) see page 16

**Arts & Letters** (6 semester hours) see page 16

**Social Sciences** (6 semester hours) see page 17

**Natural Sciences:**

GEY 111, PHY 211, 212

**Include the following major requirements:**

MAN 226

**VI. METRO STATE TEACHER EDUCATION LICENSURE PROGRAM**

If you are interested in the teacher licensure program at Metro State, your first step in learning more about the program is to attend one of the Licensure Program information meetings scheduled on a regular basis throughout the year. Ask your Metro State representative for more information or contact the Teacher Application Center at 303-556-3691 or <http://www.mscd.edu/~ted/>.

**Early Childhood Education**

There is a statewide early childhood education articulation agreement between Colorado community colleges and all public four-year colleges and universities. This agreement specifies the general education and specific major courses that may be completed at your community college and apply to your degree at Metro State. **Students choosing to complete this program must major in human development.**

**EARLY CHILDHOOD EDUCATION WITH HUMAN DEVELOPMENT MAJOR**

**303-556-6228**

**English:**

ENG 121, 122

**Math** (choose two courses):

MAT 155, 156 or MAT 120 or MAT 121 & MAT 135

**Humanities** (choose two courses):

MUS 120, ART 110, LIT 115, LIT 255

**Science:**

SCI 155, 156

**Social Sciences:**

GEO 105, HIS 201, POS 111

**Early Childhood Education courses:**

ECE 101, 102, 205, 238, 241

**Speech:**

COM 115

**Include the following courses as part of the human development major:**

BIO 105, PSY 101, 102, SOC 101

For more information on the additional approved majors outside the early childhood education articulation agreement please contact your Metro State representative.

### **ELEMENTARY EDUCATION**

There is a statewide elementary education articulation agreement between Colorado community colleges and all public four-year colleges and universities. This agreement specifies the general education and specific major courses that may be completed at your community college and apply to your degree at Metro State. **Students choosing to complete this program must major in human development or behavioral science.**

### **ELEMENTARY EDUCATION**

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### **ELEMENTARY EDUCATION**

**303-556-6228**

**English:**

ENG 121, 122

**Math:**

MAT 155, 156

**Humanities** (3 semester hours choose one course):

LIT 115, or 201, or 202, or 211, or 221

**Science:**

SCI 155, 156

**Social Science:**

GEO 105, HIS 201, POS 111

**Speech:**

COM 115

**Elementary Education courses:**

EDU 221, PSY 238

### ***Behavioral Science Major with Elementary Education Licensure***

Complete the elementary education general education courses listed on page 11 as well as the final 19 semester hours listed below:

ANT 101, ECO 201, HIS 202, LIT 255

SOC 101, PSY 101, PSY 102 (*take both if psychology emphasis*)

### ***Human Development Major with Elementary Education Licensure***

Complete the elementary education general education courses listed on page 11 as well as the final 19 semester hours listed below:

BIO 105, EDU 261, HWE 100, LIT 255,

MAT 135, SOC 101

For more information on the additional approved majors outside the elementary education articulation agreement please contact your Metro State representative.

### **SECONDARY EDUCATION**

**303-556-6228**

If you plan on pursuing a Secondary Education license, **do not complete an associate's degree** prior to transferring, but complete the courses listed on the following pages under your major program.

### ***Science Licensure***

The programs include a major in one area of science: Biology, Chemistry or Environmental Science and required courses in other areas of science.

### **General education requirements for all Science Licensure programs:**

ENG 121, 122

MATH (*see major for math requirement*)

COM 115

**History** (3 hours) see page 16

**Arts & Letters** (6 hours) see page 16

**Social Sciences** (6 hours)

Must take Metro State secondary education classes

**Natural Sciences:**

PHY 111, 112

**Biology Major (BA)  
with Secondary Education Licensure**

BIO 111, 112, 204, CHE 101, GEY 111 or GEO 106, MAT 155

**Chemistry Major (BA)  
with Secondary Education Licensure**

BIO 111, 112, CHE 111, 112, 211, 212, EST 101, GEO 107 or  
GEY 111 & GEY 121, MAT 201

**Environmental Science Major  
with Secondary Education Licensure**

BIO 111, 112, CHE 101, EST 101, GEY 111, 121, MAT 135, 166

**Social Studies Licensure**

The programs include a major in one area of social studies:  
African American studies, behavioral science, Chicano  
studies, economics, history, or political science.

**General education requirements for all  
Social Studies Licensure programs:**

ENG 121, 122

MAT 155

COM 115

**History** (3 hours) see page 16

**Arts & Letters** (6 hours) see page 16

**Social Sciences** (6 hours)

Must take Metro State secondary education classes

**Natural Sciences** (6 hours) see pages 17-18

**African American Studies Major  
with Secondary Education Licensure**

ECO 201, ECO 202, HIS 101, 201, 202, POS 105, 111

**Behavioral Science Major  
with Secondary Education Licensure  
(History Focus)**

ANT 101, ECO 201, HIS 201, 202

POS 105, 111, PSY 101 or 102 (take both if psychology  
emphasis)

**Chicano Studies Major  
with Secondary Education Licensure**

ANT 101, ECO 201, 202, HIS 101, 201, 202, POS 105, 111

**Economics Major  
with Secondary Education Licensure**

ANT 101, ECO 201, 202, HIS 101, 201, 202, MAT 123 & 125  
or 201, POS 105, 111

**History Major  
with Secondary Education Licensure**

ANT 101, ECO 201, 202, HIS 101, 201, 202, POS 105, 111

**Political Science Major  
with Secondary Education Licensure**

ANT 101, ECO 201, 202, HIS 101, 201, 202, POS 105, 111

**English and Mathematics Licensure**

This program includes a major in English and  
Mathematics Licensure

**General education requirements for English,  
Mathematics, or Modern Languages Licensure.**

ENG 121, 122

MAT 155 (*Math majors take pre-reqs for Calculus I*)

COM 115

**History** (3 hours) see page 16

**Arts & Letters** (6 hours) see page 16

**Social Sciences** (6 hours)

(must take Metro State secondary education classes)

**Natural Sciences**

(6 hours) see pages 17-18

**English Major courses  
with Secondary Education Licensure**

LIT 211, 212

**Mathematics Major courses  
with Secondary Education Licensure**

CSC 160, MAT 201, 202, 203

## **K-12 EDUCATION 303-556-3691**

If you are interested in pursuing a K-12 Licensure program in Art, Music, or Human Performance & Sport (PE) or Modern Languages **do not complete an associate's degree** at the community college, but take the courses listed below for your program.

### **Approved Majors:**

*Art Education*  
*Human Performance and Sport (PE)*  
*Modern Languages*  
*Music Education*

### **General education requirements for all three programs:**

ENG 121, 122  
MAT 155  
COM 115

**History** (3 hours) see page 16

**Arts & Letters** (6 hours) see page 16

**Social Sciences** (6 hours)

Must take Metro State secondary education classes

**Natural Sciences** (6 hours) see pages 17-18  
(HPS majors take science courses listed below under your major)

### ***Art Education Major with K-12 Licensure***

ART 111, 112, 121, 131, 132, 138, 141, 154, 161, 211, 225

### ***Human Performance and Sport Major K-12 Physical Education Licensure***

Additional HPS major requirements to be taken at Metro State.

BIO 111, 201, 202

### ***Music Education Major with K-12 Licensure***

Music major courses to be taken at Metro State.

## ***Modern Languages with K-12 Licensure Spanish, French or German Concentrations***

The following courses represent prerequisites for the modern languages program.

### **French Concentration:**

FRE 211, 212

### **German Concentration:**

GER 211, 212

### **Spanish Concentration:**

SPA 211, 212

## **SPECIAL EDUCATION MAJOR 303-556-6228**

The special education program includes a special education core and an elementary or secondary education licensure. If you are interested in pursuing a special education program, **do not complete an associate's degree** at the community college, but follow the courses listed below for either the elementary education or secondary education concentrations.

For further information contact your Metro State representative.

### ***Elementary Education Concentration***

#### **English:**

ENG 121, 122

#### **Math:**

MAT 155, 156

#### **History:**

HIS 201 or HIS 202

#### **Humanities:**

LIT 255

#### **Social Science:**

GEO 105

POS 111

#### **Science:**

SCI 155, 156

#### **Speech:**

COM 115

## ***Secondary Education Concentration***

### **English:**

ENG 121, 122

### **Math:**

MAT 155, 156

**History** (3 hours) see page 16

**Arts & Letters** (6 hours) see page 16

**Social Science** (6 hours) see page 17

**Natural Sciences** (6 hours) see pages 17-18

### **Speech:**

COM 115

## VII. METRO STATE COLLEGE – GENERAL STUDIES COMPREHENSIVE COURSE LIST

GT – Guaranteed Transfer Course

AH – Arts and Humanities

AH1 – Arts

AH2 – Literature & Humanities

AH3 – Ways of Thinking

CO – Communications

HI – History

MA – Mathematics

SC – Physical and Life Sciences

SS – Social and Behavioral Sciences

SS1 – Economic & Political Systems

SS2 – Geography

SS3 – Human Behavioral & Social Systems

### Multicultural Graduation Requirements (minimum 3 semester hours):

Multicultural course required content and course materials are designed to increase students' awareness and appreciation of cultural diversity in the United States. Multicultural education coursework examines the interactions of values, beliefs, traditions, identities, and contributions of one or more of the following four groups of color in the United States: African American, Asian American, Hispanic American, and Native American, which may include the characteristics of gender, sexual orientation, age, or disability within these groups.

COLORADO COMMUNITY COLLEGE COURSE		METRO STATE EQUIVALENT COURSE	
<b>FRESHMAN COMPOSITION</b>			
ENG 121	English Composition I (GT-C01)	ENG 1010	Freshman Comp: The Essay
ENG 122	English Composition II (GT-C02)	ENG 1020	Freshman Comp: Analysis, Research & Documentation
<b>MATHEMATICS</b>			
MAT 120	Math for Liberal Arts (GT-MA1)	MTH 1080	Mathematical Modes of Thought
MAT 121	College Algebra (GT-MA1)	MTH 1110	College Algebra
MAT 122	Trigonometry (GT-MA1)	MTH 1120	College Trigonometry
MAT 123	Finite Mathematics (GT-MA1)	MTH 1310	Finite Math – Mgt & Social Sci
MAT 125	Survey of Calculus (GT-MA1)	MTH 1320	Calculus for Social Science
MAT 135	Intro to Statistics (GT-MA1)	MTH 1210	Intro to Statistics
MAT 155	Integrated Mathematics I	MTH 1610	Integrated Mathematics I
MAT 156	Integrated Mathematics II	MTH 2620	Integrated Mathematics II
MAT 166	Pre-Calculus (GT-MA1)	MTH 1400	Precalculus Mathematics
MAT 201	Calculus I (GT-MA1)	MTH 1410	Calculus I
MAT 202	Calculus II (GT-MA1)	MTH 2410	Calculus II
MAT 203	Calculus III	MTH 2420	Calculus III
<b>COMMUNICATIONS</b>			
FRE 112	French II	FRE 1020	Elementary French II
GER 112	German II	GER 1020	Elementary German II
ITA 112	Italian II	MDL 1020	Italian II
JPN 112	Japanese II	MDL 1020	Japanese II
PHI 113	Logic (GT-AH3)	PHI 1110	Language, Logic & Persuasion
RUS 112	Russian II	MDL 1020	Russian II
SPA 112	Spanish II	SPA 1020	Elementary Spanish II
COM 115	Prin of Speech Communication	SPE 1010	Public Speaking
COM 125	Interpersonal Communication	SPE 1710	Interpersonal Communication

COLORADO COMMUNITY COLLEGE COURSE			METRO STATE EQUIVALENT COURSE		
<b>HISTORICAL</b>					
HIS	101	Western Civilization I (GT-HI1)	HIS	1010	Western Civilization to 1715
HIS	102	Western Civilization II (GT-HI1)	HIS	1020	Western Civilization Since 1715
HIS	201	U.S. History I (GT-HI1)	HIS	1210	American History to 1865
HIS	202	U.S. History II (GT-HI1)	HIS	1220	American History Since 1865
HIS	208	Native American Experience*	HIS	8000	Native American Experience
HIS	209	History American Southwest*	HIS	8000	History of the American Southwest
*also fulfill multicultural requirement					
HIS	215	Women in U.S. History	HIS	1650	Women in U.S. History
HIS	225	Colorado History	HIS	1110	Colorado History I
HIS	235	History of American West	HIS	8000	History of American Southwest
HIS	246	History of Mexico	HIS	8000	History of Mexico
HIS	247	Contemporary World History (GT-HI1)	HIS	2010	Cotemporary World History
HIS	256	History of Denver	HIS	8000	History of Denver
<b>ARTS &amp; LETTERS</b>					
ART	110	Art Appreciation (GT-AH1)	ARTH	1500	Art Appreciation Survey
ART	111	Art History I (GT-AH1)	ART	8000	Art History I
ART	112	Art History II (GT-AH1)	ART	8000	Art History II
Film	100	Intro to Film Studies (GT-AH1)	THE	8000	Film
HUM	121	Survey of Humanities I (GT-AH2)	HUM	8000	Survey of Humanities I
HUM	122	Survey of Humanities II (GT-AH2)	HUM	8000	Survey of Humanities II
HUM	123	Survey of Humanities III (GT-AH2)	HUM	8000	Survey of Humanities III
LIT	115	Intro to Literature (GT-AH2)	ENG	1100	Intro to Literature
LIT	125	Study of the Short Story	ENG	1110	Intro to Fiction
LIT	201	Masterpieces of Literature I (GT-AH2)	ENG	8000	Masterpieces if Literature I
LIT	202	Masterpieces of Literature II (GT-AH2)	ENG	8000	Masterpieces of Literature II
LIT	205	Ethnic Literature (GT-AH2)	ENG	8000	Ethnic Literature
LIT	211	Survey of American Lit I (GT-AH2)	ENG	8000	Survey of American Lit I
LIT	212	Survey of American Lit II (GT-AH2)	ENG	8000	Survey of American Lit II
LIT	221	Survey of British Literature I (GT-AH2)	ENG	8000	Survey of British Lit I
LIT	222	British Literature II (GT-AH2)	ENG	8000	British Literature II
LIT	225	Intro to Shakespeare	ENG	1310	Intro to Shakespeare
LIT	255	Intro to Children's Literature	ENG	2460	Intro to Children's Literature
MUS	120	Music Appreciation (GT-AH1)	MUS	1000	Intro to Music
MUS	121	Intro to Music History I (GT-AH1)	MUS	8000	Intro to Mus Hist I
MUS	122	Intro to Music History II (GT-AH1)	MUS	8000	Intro to Mus Hist II
PHI	111	Intro to Philosophy (GT-AH3)	PHI	1010	Intro to Philosophy
PHI	112	Ethics (GT-AH3)	PHI	1030	Ethics
THE	105	Intro to Theatre Arts I (GT-AH1)	THE	2210	Intro to Theatre
THE	211	Development of Theatre I (GT-AH1)	THE	8000	Development of Theatre I
THE	212	Development of Theatre II (GT-AH1)	THE	8000	Development of Theatre II

COLORADO COMMUNITY COLLEGE COURSE			METRO STATE EQUIVALENT COURSE		
<b>SOCIAL SCIENCES</b>					
ANT	101	Cultural Anthropology (GT-SS3)	ANT	1310	Intro to Cultural Anthropology
CRJ	110	Intro to Criminal Justice	CJC	1010	Intro to Criminal Justice System
ECO	201	Prin of Macroeconomics (GT-SS1)	ECO	2010	Prin of Macroeconomics
ECO	202	Prin of Microeconomics (GT-SS1)	ECO	2020	Prin of Microeconomics
GEO	105	Geography (GT-SS2)	GEG	1000	World Regional Geography
GEO	106	Human Geography (GT-SS2)	GEG	1300	Intro to Human Geography
GEO	125	Geography of Colorado	GEG	2020	Geography of Colorado
JOU	105	Intro to Mass Media	JRN	1010	Intro to Journalism & Mass Media
POS	105	Intro to Political Science (GT-SS1)	PSC	1020	Political Systems & Ideas
POS	111	American Government (GT-SS1)	PSC	1010	American National Government
PSY	101	Gen Psychology I (GT-SS3)	PSY	8888	Gen Psychology I
PSY	102	Gen Psychology II (GT-SS3)	PSY	8888	Gen Psychology II
PSY	101	Gen Psychology I	PSY	1001	Gen Psychology I
<b>and</b>					
PSY	102	Gen Psychology II	PSY	8888	Gen Psychology (elective)
PSY	215	Psychology of Adjustment	PSY	2160	Personality and Adjustment
PSY	235	Human Growth & Dev (GT-SS3)	PSY	2210	Psychology of Human Development
SOC	101	Intro to Sociology I (GT-SS3)	SOC	1010	Intro to Sociology
SOC	102	Intro to Sociology II (GT-SS3)	SOC	8000	Intro to Sociology II
<b>NATURAL SCIENCES</b>					
ANT	111	Physical Anthropology (GT-SS3)	ANT	1010	Phy Anthropology & Prehistory
AST	101	Astronomy (GT-SC1)	AST	1040	Intro to Astronomy
AST	102	Astronomy II (GT-SC1)	AST	8000	Astronomy II
BIO	105	Science of Biology (GT-SC1)	BIO	1000	Human Bio for Non-Majors
BIO	111	Gen College Biology I (GT-SC1)	BIO	1080	Gen Biology I and
			BIO	1090	Gen Biology I Lab
BIO	112	Gen College Biology II (GT-SC1)	BIO	1081	Gen Biology II
			BIO	1091	Gen Biology Lab
CHE	101	Intro to Chemistry I (GT-SC1)	CHE	1100	Principles of Chemistry
CHE	102	Intro to Chemistry II (GT-SC1)	CHE	8000	Intro to Chemistry II
CHE	105	Chemistry in Context (GT-SC1)	CHE	8000	Chemistry in Context
CHE	111	Gen College Chemistry I (GT-SC1)	CHE	8098	Gen Chemistry I
CHE	112	Gen College Chemistry II (GT-SC1)	CHE	8099	Gen Chemistry II
CHE	111	Gen College Chemistry I (GT-SC1)	CHE	1800	Gen Chemistry I and
CHE	112	Gen College Chemistry II (GT-SC1)	CHE	1810	Gen Chemistry II
			CHE	1850	Gen Chemistry Lab
GEO	111	Human Geography	GEG	1100	Intro to Physical Geography
GEY	111	Gen Geology (GT-SC1)	GEL	1010	Gen Geology
GEY	121	Historical Geology (GT-SC1)	GEL	1030	Historical Geology
GEY	205	Geology of Colorado	GEL	8000	Geology of Colorado

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**COLORADO COMMUNITY COLLEGE COURSE****METRO STATE EQUIVALENT COURSE**

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**NATURAL SCIENCES cont.**

HWE 100	Nutrition	NUT 2040	Intro to Nutrition
MET 150	Gen Meteorology (GT-SC1)	MET 1400	Weather & Climate
PHY 101	Basic Physics	PHY 1000	Intro to Physics
PHY 105	Conceptual Physics (GT-SC1)	PHY 1000	Intro to Physics
PHY 111	Physics: Algebra Based I (GT-SC1)	PHY 2010	College Physics I <b>and</b>
		PHY 2030	College Physics Lab I
PHY 112	Physics: Algebra Based II (GT-SC1)	PHY 2020	College Physics II <b>and</b>
		PHY 2040	College Physics Lab II
PHY 211	Physics: Calculus Based I (GT-SC1)	PHY 2311	Gen Physics I <b>and</b>
		PHY 2321	Gen Physics Lab I
PHY 212	Physics: Calculus Based II (GT-SC1)	PHY 2331	Gen Physics II <b>and</b>
		PHY 2341	Gen Physics Lab II
SCI 155	Integrated Science I	SCI 2610	Integrated N/Science I
SCI 156	Integrated Science II	SCI 2620	Integrated N/Science II



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