

# Degree Mapping Cover Sheet

The next phase of realizing the potential and promise of Academic and Career Pathways involves asking departments to create **Degree Maps**.

## What is a Degree Map (and how is it different from the program map developed years ago)?

- Degree maps represent a clear, coherent, and structured educational experience that culminates in a degree, certificate, or successful transfer to a university.
- Whereas Program Maps included the program of study (courses required by the degree), Degree maps include:
  - The intended program of study,
  - Recommended GE courses,
  - Recommended electives

## Why Degree Maps?

- They provide students with a clear picture of how to complete a degree saving students time and money.
- They provide students with a roadmap, particularly in the time before students see a counselor to produce a formal Ed Plan (which often does not occur until the 2nd or 3rd semester).
- They are an equity consideration.
- Once a student sees a counselor, they provide the counselor with a clearer picture of the student's educational goals in order to make modifications needed for transfer.

## Degree Mapping Principles:

- Degree maps provide clarity for ALL (students, faculty, staff, counselors, college leadership, and external stakeholders).
- Degree Maps provide a recommended path to complete a program in four semesters (for an AA degree) or less (for certificate programs that are less than a year in duration)
- Degree maps are based on the assumption all students have capacity to succeed

## Degree Map Elements

- At least one program course in first semester
- Three program courses in first year
- Appropriate math pathways that align with student end goals
- Completion of transfer-level math and transfer-level English in the first academic year
- Academic and student support milestones

\* In the future, degree maps may also include co-curricular activities and learning experiences that complement program of study (i.e. learning communities, internships, community service learning, student engagement opportunities, etc.)

\*Degree maps can be customized for each student to account for: prior credits, educational goals and personal interests, transfer destination and major or timeline to completion.

**Administration of Justice** UC Transfer CSU Transfer

**UC Transfer: Administration of Justice, Major (UC Irvine)\*** IGEC-GE 2 Years Full-Time 60-63 Units

→ This is a sample academic plan for students interesting in transferring to UCI as a Criminology, Law, and Society Major. Please see a counselor to create a customized My Academic Plan (MAP) that will best meet your specific education goals.

SEMESTER 1				14-16 Units
COURSE	TITLE	IGEC AREA/MAJOR	UNITS	
WR 1	College Writing 1	1A	4	
Math 10 or PSYC 10	Statistics	2A & Major	3	
COMM 1	Communication Fundamentals	1C	3	
AJ 2	Introduction to Administration of Justice	4 & Major	3	
Transfer Elective	UC Transfer Elective (Courses 1-99)		1-3	

  

SEMESTER 2				16 Units
COURSE	TITLE	IGEC AREA/MAJOR	UNITS	
WR 2	College Writing 2 - Critical Thinking	1B	4	
PSYC 1	Introduction to Psychology	4 & Major	3	
Arts	Arts GE Course	3A	3	
Humanities	Humanities GE Course	3B	3	
AJ 4	Criminal Law I (Recommended Elective)		3	

  

SEMESTER 3				15 Units
COURSE	TITLE	IGEC AREA/MAJOR	UNITS	
PSYC 30 or 37	Social Psychology or Abnormal Psychology	4 & Major	3	
PSYC 2	Research Methods in Psychology	Major	3	
Life Science	Life Science GE Course	5B	3	
AJ 5	Community and the Justice System (Recommended Elective)		3	
Transfer Elective	UC Transfer Elective (Courses 1-99)		3	

Sample AOJ Degree Map from Irvine Valley College

# How Can I Create a Degree Map for my Department?

- Using the Degree Mapping Design Principles outlined above, create one degree map for each degree or certificate in your department. For example, if you offer an AA degree and an AA-T degree, you will create one program map for each degree.
- To assist you, we have divided this phase into two steps: program mapping and degree mapping

## Program Mapping

- **Step 1** – Review degree/program/certificate maps from other colleges across the state that already have mapped. We recommend
  - [Program Mapper at Bakersfield College](#)
  - [Find your Path at Irvine Valley College](#)
  - [Career & Academic Pathways at Santa Ana College](#)
- **Step 2** – Review your degree/program/certificate sequence. If your department completed a program map several years ago, that would help, but is not essential. Your degree sequence is also located in the [College Catalog](#) or may even be on your department website.
- **Step 3** – Use the **Degree Map Worksheet** to begin to plot your program courses. We recommend that you plot your degree/certificate program classes first. For these course sequences, indicate:
  - Courses that are sequential
  - Courses that need a pre-requisite
  - Courses that are required for major
    - If you have a list of courses that students can choose from, you may indicate that students can choose from that list. Imagine that in a web page there would be a pop-up screen, or a drag down menu.
  - Courses in your degree program that **also** satisfy GE requirements for each plan. Please see Appendix A for GE, CSU, and IGETC lists. Additional information about each course can be found in the course catalog.

## Degree Mapping

- **Step 4** – Review Grossmont College AA requirements, CSU Transfer, and IGETC Requirements for AA and AAT. **Working with a counselor at this point is highly recommended.**
  - Grossmont Degree and GE requirements are on pages 46-48.
  - CSU transfer requirements are on pages 49-52.
  - IGETC transfer requirements are on pages 52-55.
  - Descriptions for Courses begin in Section 4 on page 155.**In your review, begin to note and identify**
  - GE courses that are aligned with your program learning outcomes\*
  - Electives that are aligned with program learning outcomes\**Whenever applicable, and where it makes sense to do so, you may recommend specific GE courses or electives that while not required for the degree you are mapping, are conducive to your major of study.*
- **Step 5** – Identify other milestones, degree activities and learning experiences that compliment your program goals.
  - These could include: clubs, counselor visits, formal ed planning, participation in degree related programs and activities.
  - Since counselors are critical in guiding students through pathways, students should make an appointment to see a counselor

\*GE requirements should be filled in with the guidance of counselors as appropriate once your program mapping is complete. Counselors will be available to advise program faculty on GE requirements and how to specifically recommend those.

# Degree Map Worksheet

Degree/ Certificate Title:	
Department/Division:	
Department Liaison (Primary Contact):	
Email:	

- In the first column identify the course number
- In the second column, identify the official name of the course
- In the third column, identify the GE / IGETC / Major requirement the course satisfies. It may satisfy more than one area requirement.
- In the fourth column, identify the number of units of the course.
- If appropriate to your program, identify any other milestones or co-curricular requirements or recommendations.
- Aim for **15 units a semester** (for degree or transfer).
- You may add intercession or summer school tables.

## First Semester

Course Number	Course Name	GE / IGETC / Major Requirement	Units
<b>Total</b>			<b>15-18</b>

Other first semester milestones, co-curricular requirements, recommendations, or notes:

## Second Semester

Course Number	Course Name	GE / IGETC / Major Requirement	Units
<b>Total</b>			<b>15-18</b>

Other first semester milestones, co-curricular requirements, recommendations, or notes:

\*Completion of transfer level English and Math is a first-year milestone, as is completing three program courses

**Third Semester**

Course Number	Course Name	GE / IGETC / Major Requirement	Units
Total			15-18

Other first semester milestones, co-curricular requirements, recommendations, or notes:

**Fourth Semester**

Course Number	Course Name	GE / IGETC / Major Requirement	Units
Total			15-18

Other first semester milestones, co-curricular requirements, recommendations, or notes:

Additional notes, questions, or considerations?

# Appendix

GE Requirements	CSU Transfer	IGETC
<p><b>Area A – Language and Rationality</b> Three courses (a minimum of nine units) are required in written communication, oral communication, and analytical thinking. At least ONE course must be taken from EACH of the following three sections:</p> <ol style="list-style-type: none"> <li>1. Written Communication <ul style="list-style-type: none"> <li>• English 120, 124</li> <li>• English as a Second Language 122</li> </ul> </li> <li>2. Oral Communication <ul style="list-style-type: none"> <li>• Communication 120, 122, 130</li> </ul> </li> <li>3. Analytical Thinking <ul style="list-style-type: none"> <li>• Anthropology 215</li> <li>• Biology 215</li> <li>• Economics 215</li> <li>• Geography 104</li> <li>• Mathematics 103, 108, 110, 120, 125, 126, 150, 160, 170, 175, 176, 178, 180, 245, 280, 281, 284, 285</li> <li>• Philosophy 125, 130</li> <li>• Physical Science 120</li> <li>• Psychology 215</li> <li>• Sociology 215</li> </ul> </li> </ol>	<p><b>Area A – English Language, Communication and Critical Thinking</b> Three courses (a minimum of nine units) are required in Communication, English, and Critical Thinking. At least ONE course must be taken from EACH of the following three sections:</p> <ol style="list-style-type: none"> <li>1. Oral Communication <ul style="list-style-type: none"> <li>• Communication 120, 122, 130</li> </ul> </li> <li>2. Written Communication <ul style="list-style-type: none"> <li>• English 120</li> <li>• English as a Second Language 122</li> </ul> </li> <li>3. Critical Thinking <ul style="list-style-type: none"> <li>• Communication 137, 145</li> <li>• English 124</li> <li>• Philosophy 125, 130</li> <li>• Science 110</li> </ul> </li> </ol>	<p><b>Area 1 – English Communication</b> (CSU – 3 courses required, one each from Group (UC – 2 courses required, one each from Group A and B.)</p> <ol style="list-style-type: none"> <li>1A. English Composition <ul style="list-style-type: none"> <li>• English 120</li> <li>• English as a Second Language 122</li> </ul> </li> <li>1B. Critical Thinking and English Composition <ul style="list-style-type: none"> <li>• English 124</li> </ul> </li> <li>1C. Oral Communication (CSU requirement only) <ul style="list-style-type: none"> <li>• Communication 120, 122, 130</li> </ul> </li> </ol>
<p><b>Area B – Natural Sciences</b> Natural science courses (a minimum of six units) are required. At least ONE course must be taken from EACH of the following TWO sections and ONE of those two courses must include a laboratory. Courses with an asterisk are laboratory only. Underlined courses do not contain a laboratory component.</p> <ol style="list-style-type: none"> <li>1. Biological Sciences <ul style="list-style-type: none"> <li>• Anthropology <u>130</u>, 131*</li> <li>• Biology 105, 110, <u>112</u>, <u>114</u>, <u>118</u>, 120, 140, <u>141</u>, 141L*, 144, 145, 152, 230, 240</li> </ul> </li> <li>2. Physical Sciences <ul style="list-style-type: none"> <li>• Astronomy <u>110</u>, 112*, <u>120</u></li> <li>• Chemistry 102, 110, 113, 115, 116, 117, 120, 141, 142, 231, 232, <u>241</u>, 241L*, <u>242</u>, 242L*</li> <li>• Geography <u>120</u>, 121*, <u>140</u></li> <li>• Geology 104, 110, 111*, 121, 210, 220, 230</li> <li>• Oceanography <u>112</u>, 113*</li> <li>• Physical Science <u>100</u>, <u>110</u>, 111*</li> </ul> </li> </ol>	<p><b>Area B – Scientific Inquiry and Quantitative Reasoning</b> Three courses (a minimum of nine units) are required in Physical Sciences, Life Sciences and Mathematical Applications. One lab course must be included from the sciences. Underlined courses do not contain a laboratory component. The lab must complement the science lecture course.</p> <ol style="list-style-type: none"> <li>1. Physical Science <ul style="list-style-type: none"> <li>• Astronomy 110, 120</li> <li>• Chemistry 102, 110, 113, 115, 116, 120, 141, 142, 231, 232, 241, 242</li> <li>• Geography 120, 140</li> <li>• Geology 104, 110, 121, 210, 220</li> <li>• Oceanography 112</li> <li>• Physical Science 100, 110</li> <li>• Physics 110, 130, 131, 140, 240, 241</li> <li>• Science 110</li> </ul> </li> <li>2. Life Science <ul style="list-style-type: none"> <li>• Anthropology 130</li> <li>• Biology 105, 110, 112, 114, 118, 120, 140, 141, 144, 145,</li> </ul> </li> </ol>	<p><b>Area 2 – Mathematical Concepts and Quantitative Reasoning</b> (1 course, 3 units)</p> <ol style="list-style-type: none"> <li>2A. Math <ul style="list-style-type: none"> <li>• Anthropology 215</li> <li>• Biology 215</li> <li>• Economics 215</li> <li>• Mathematics 120*, 125*, 126*, 160, 175, 176, 178*, 180*, 245, 280, 281, 284, 285</li> <li>• Psychology 215</li> <li>• Sociology 215</li> </ul> </li> </ol> <p><i>*Note: See Catalog page 54 for UC credit limitations.</i></p>

<ul style="list-style-type: none"> <li>• Physics 110, 130, 131, 140, 240, 241</li> <li>• Science <u>110</u></li> </ul>	<ul style="list-style-type: none"> <li>• 152, 230, 240</li> </ul> <p>3. Laboratory</p> <ul style="list-style-type: none"> <li>• Anthropology 131</li> <li>• Astronomy 112</li> <li>• Biology 141L</li> <li>• Chemistry 241L, 242L</li> <li>• Geography 121</li> <li>• Geology 111</li> <li>• Oceanography 113</li> <li>• Physical Science 111</li> </ul> <p>4. Mathematical/Quantitative Reasoning One course is required for admission to all CSU campuses, and must be completed with a "C" grade or higher or "Pass".</p> <ul style="list-style-type: none"> <li>• Anthropology 215</li> <li>• Biology 215</li> <li>• Computer Science Information Systems 240</li> <li>• Economics 215</li> <li>• Mathematics 120, 125, 126, 160, 170, 175, 176, 178, 180, 245, 280, 281, 284, 285</li> <li>• Physical Science 120</li> <li>• Psychology 215</li> <li>• Sociology 215</li> </ul>	
<p><b>Area C – Humanities</b> Complete two courses.</p> <ul style="list-style-type: none"> <li>• American Sign Language 120, 121, 140, 220, 221, 250</li> <li>• Arabic 120, 121, 122, 123, 148, 220, 221, 250, 251</li> <li>• Art 100, 120, 124, 126, 129, 140, 141, 142, 143, 145, 146, 147,</li> <li>• 171, 189</li> <li>• Chinese 120, 121, 220, 221, 250, 251</li> <li>• Communication 135, 137, 144, 145</li> <li>• Cross-Cultural Studies 126, 127, 134, 143, 144, 236, 237, 238</li> <li>• Dance 110,120</li> <li>• English 122, 126,134, 135, 136, 137, 201, 203, 215, 217, 218, 219, 221, 222, 231, 232, 236, 237, 238, 275, 276, 277</li> <li>• English as a Second Language 115</li> <li>• French 120, 121, 152, 220, 221, 250, 251</li> </ul>	<p><b>Area C – Arts and Humanities</b> Three courses (a minimum of nine units) are required, with at least ONE course in EACH section.</p> <p>1. Arts</p> <ul style="list-style-type: none"> <li>• Art 100, 120, 126, 130, 140, 141, 142, 143, 145, 146, 147</li> <li>• Cross-Cultural Studies 126, 134</li> <li>• Dance 110, 120</li> <li>• Humanities 110, 120</li> <li>• Media Communications 111</li> <li>• Music 110, 111, 115, 116, 117, 123</li> <li>• Photography 154</li> <li>• Religious Studies 140</li> <li>• Theatre Arts 101, 110, 143, 144, 205</li> </ul> <p>2. Humanities</p> <ul style="list-style-type: none"> <li>• American Sign Language 120, 121, 140, 220, 221</li> <li>• Arabic 120, 121, 122, 123, 148, 220, 221, 250, 251</li> <li>• Chinese 120, 121, 220, 221, 250, 251</li> <li>• Communication 136, 144</li> <li>• Cross-Cultural Studies 135, 143, 144, 236, 237, 238</li> </ul>	<p><b>Area 3 – Arts and Humanities</b> (9 semester units) Must include one course from Arts and one course from Humanities.</p> <p>3A. Arts</p> <ul style="list-style-type: none"> <li>• Art 100, 120, 130, 140, 141, 142, 143, 145, 146, 147</li> <li>• Cross-Cultural Studies 126, 134</li> <li>• Dance 110, 120</li> <li>• Music 110, 111, 115, 116, 117, 123</li> <li>• Photography 154</li> <li>• Theatre Arts 101, 110, 144, 205</li> </ul> <p>3B. Humanities</p> <ul style="list-style-type: none"> <li>• American Sign Language 121, 140, 220, 221</li> <li>• Arabic 121, 123, 148, 220, 221</li> <li>• Chinese 121, 220, 221</li> <li>• Communication 144</li> <li>• Cross-Cultural Studies 133, 135, 143, 144, 236, 237, 238</li> <li>• English 122, 201, 215, 217, 218, 219, 221, 222, 225, 226, 227, 228, 231, 232, 236, 237, 238</li> <li>• French 121, 152, 220, 221</li> <li>• German 121, 220, 221</li> </ul>

<ul style="list-style-type: none"> <li>• German 120, 121, 220, 221, 250, 251</li> <li>• History 100, 101, 103, 105, 106, 113, 126, 135, 136, 137, 148</li> <li>• Humanities 110, 120, 125, 130, 135, 140, 160, 170</li> <li>• Italian 120, 121, 220, 221, 250, 251</li> <li>• Japanese 120, 121, 149, 220, 221, 250, 251</li> <li>• Media Communications 111</li> <li>• Music 110, 111, 115, 116, 117, 123, 189</li> <li>• Philosophy 110, 111, 112, 114, 116, 118, 140, 141, 145, 150, 155, 160</li> <li>• Photography 150, 154</li> <li>• Religious Studies 120, 130, 140, 150, 170</li> <li>• Russian 120, 121, 220, 221, 250, 251</li> <li>• Spanish 120, 121, 122, 123, 141, 145, 220, 221, 250, 251</li> <li>• Theatre Arts 101, 110, 130, 143, 144, 205</li> </ul>	<ul style="list-style-type: none"> <li>• English 122, 201, 215, 217, 218, 219, 221, 222, 225, 226, 227, 228, 231, 232, 236, 237, 238</li> <li>• English as a Second Language 115</li> <li>• French 120, 121, 152, 220, 221, 250, 251</li> <li>• German 120, 121, 220, 221, 250, 251</li> <li>• History 100, 101, 103, 105, 106, 126, 135, 136, 137, 148</li> <li>• Humanities 110, 120, 125, 130, 135, 140, 160, 170</li> <li>• Italian 120, 121, 220, 221, 250, 251</li> <li>• Japanese 120, 121, 149, 220, 221, 250, 251</li> <li>• Philosophy 110, 111, 112, 114, 116, 118, 140, 141, 145, 150, 155</li> <li>• Religious Studies 120, 130, 140, 150, 170</li> <li>• Russian 120, 121, 220, 221, 250, 251</li> <li>• Spanish 120, 121, 122, 123, 141, 145, 220, 221, 250, 251</li> <li>• Theatre Arts 143, 144</li> </ul>	<ul style="list-style-type: none"> <li>• History 100, 101, 103, 105, 106, 126, 135, 136, 137, 148</li> <li>• Humanities 110, 120, 125, 130, 135, 140, 170</li> <li>• Italian 121, 220, 221</li> <li>• Japanese 121, 149, 220, 221</li> <li>• Philosophy 110, 111, 112, 114, 116, 118, 140, 141, 145, 150, 155</li> <li>• Religious Studies 120, 130, 140, 150, 170</li> <li>• Russian 121, 220, 221</li> <li>• Spanish 121, 123, 141, 220, 221</li> <li>• Theatre Arts 143, 144</li> </ul>
<p><b>Area D – Social Sciences</b> Complete two courses.</p> <ul style="list-style-type: none"> <li>• Administration of Justice 110</li> <li>• Anthropology 120, 122, 127, 140</li> <li>• Child Development 115, 125, 131, 134, 145, 153</li> <li>• Communication 124, 126, 128</li> <li>• Cross-Cultural Studies 114, 115, 116, 118, 119, 125, 128, 130, 131, 132, 133, 135, 145, 154, 155, 180, 181</li> <li>• Economics 110, 120, 121</li> <li>• Family Studies 115, 120</li> <li>• Geography 100, 101, 106, 130, 170</li> <li>• Health Education 120, 201</li> <li>• Health Sciences 110</li> <li>• History 108, 109, 114, 115, 118, 119, 122, 123, 124, 130, 131, 154, 155, 180, 181</li> <li>• Media Communications 110, 210</li> <li>• Nutrition 155, 158, 159</li> </ul>	<p><b>Area D – Social Sciences</b> Three courses (a minimum of nine semester units) are required, courses must be from at least 2 disciplines.</p> <ul style="list-style-type: none"> <li>• Administration of Justice 110</li> <li>• Anthropology 120, 122, 127, 140</li> <li>• Child Development 115, 125, 131, 145</li> <li>• Communication 124, 128, 144</li> <li>• Cross-Cultural Studies 114, 115, 116, 118, 119, 125, 127, 128, 130, 131, 132, 133, 135, 143, 144, 145, 154, 155, 180, 181</li> <li>• Economics: 110, 120, 121, 261</li> <li>• Family Studies 115, 120</li> <li>• French 152</li> <li>• Geography 100, 101, 106, 130, 170</li> <li>• History 100, 101, 103, 105, 106, 108, 109, 113, 114, 115, 118, 119, 122, 123, 124, 126, 130, 131, 136, 137, 148, 154, 155, 180, 181</li> <li>• Media Communications 110;</li> </ul>	<p><b>Area 4 – Social and Behavioral Sciences</b> (9 semester units) Three courses required from at least two disciplines.</p> <ul style="list-style-type: none"> <li>• Administration of Justice 110</li> <li>• Anthropology 120, 122, 127, 140</li> <li>• Child Development 115, 125</li> <li>• Communication 124, 144</li> <li>• Cross-Cultural Studies 114, 115, 116, 118, 119, 125, 127, 128, 130, 131, 132, 135, 143, 144, 145, 154, 155, 180, 181</li> <li>• Economics 110, 120, 121, 261</li> <li>• Family Studies 115, 120</li> <li>• Geography 100, 101, 106, 130, 170</li> <li>• History 100, 101, 103, 105, 106, 108, 109, 113, 114, 115, 118, 119, 122, 123, 124, 126, 130, 131, 136, 137, 148, 154, 155, 180, 181</li> <li>• Media Communications 110</li> <li>• Political Science 120, 121, 124, 130, 140, 155, 160</li> </ul>

<ul style="list-style-type: none"> <li>• Political Science 120, 121, 124, 130, 140, 150, 160</li> <li>• Psychology 120, 125, 132, 134, 138, 140, 170,</li> </ul>	<ul style="list-style-type: none"> <li>• Political Science 120, 121, 124, 130, 140, 150, 155, 160</li> <li>• Psychology 120, 125, 134, 138, 140, 150, 170, 211, 220</li> <li>• Sociology 114, 120, 125, 130, 138, 140, 150</li> <li>• Spanish 145</li> </ul>	<ul style="list-style-type: none"> <li>• Psychology 120, 125, 134, 138, 140, 150, 170, 211, 220</li> <li>• Sociology 114, 120, 125, 130, 138, 140</li> </ul>
<p><b>Area E – Fitness/Wellness</b> Two courses involving physical exercise and/or dance are required. Veterans or active military see Veterans section on page __. Requirements can only be met from the exercise science and/or dance courses listed below.</p> <ul style="list-style-type: none"> <li>• Dance 068, 071A, 071B, 072A, 072B, 074A, 074B, 078A, 078B, 080A, 080B, 080C, 080D, 081A, 081B, 081C, 081D, 082A, 082B, 083A, 083B, 084A, 084B, 084C, 084D, 088A, 088B, 088C, 088D, 094A, 094B, 094C, 094D, 099A, 099B, 099C, 116, 118A, 118B, 118C, 118D 080B, 080C, 080D, 081A, 081B, 081C, 081D, 082A, 082B, 083A, 083B, 084A, 084B, 084C, 084D, 088A, 088B, 088C, 088D, 094A, 094B, 094C, 094D, 099A, 099B, 099C, 116, 118A, 118B, 118C, 118D</li> <li>• Exercise Science 001, 002, 003, 004A, 004B, 004C, 005A, 005B, 005C, 006A, 006B, 006C, 007A, 007B, 007C, 008A, 008B, 008C, 009A, 009B, 009C, 017A, 017B, 017C, 021A, 021B, 021C, 023A, 023B, 023C, 024A, 024B, 024C, 026, 027A, 027B, 027C, 028A, 028B, 028C, 029, 030, 035, 037A, 037B, 037C, 039, 040A, 040B, 040C, 041, 043A, 043B, 043C, 044A, 044B, 044C, 060A, 060B, 060C, 076A, 076B, 076C, 125A, 125B, 125C, 130A, 130B, 130C, 155A, 155B, 155C, 170A, 170B, 170C, 171A, 171B, 171C, 172A, 172B, 172C, 175A, 175B, 175C, 176A, 176B, 176C, 180, 185A, 185B, 185C</li> </ul>	<p><b>Area E – Lifelong Understanding and Self Development</b> *One course (a minimum of three units) is required.</p> <ul style="list-style-type: none"> <li>• Business 195</li> <li>• Child Development 125, 145</li> <li>• Counseling 120</li> <li>• Cross-Cultural Studies 127</li> <li>• English 219</li> <li>• Family Studies 110, 120, 129</li> <li>• Health Education 120, 201</li> <li>• Health Sciences 110</li> <li>• Nutrition 155, 158, 159, 255</li> <li>• Psychology 132, 134, 140, 150, 180, 220</li> <li>• Sociology 125</li> <li>• *Or DD214 or military transcript.</li> </ul>	<p><b>Area 5 – Physical and Biological Sciences</b> (7-9 semester units) Must include one course in Physical Science and one course in Biological Science. One of the courses must include a laboratory. (Underlined courses do not contain a laboratory component.)</p> <p>5A. Physical Science</p> <ul style="list-style-type: none"> <li>• Astronomy 110, 120</li> <li>• Chemistry 102, 110, 113, 115, 116, 120, 141, 142, 231, 232, 241, 242</li> <li>• Geography 120, 140</li> <li>• Geology 104, 110, 121, 210</li> <li>• Oceanography 112</li> <li>• Physical Science 100, 110</li> <li>• Physics 110, 130, 131, 140, 240, 241</li> <li>• Science 110</li> </ul> <p>5B. Biological Science</p> <ul style="list-style-type: none"> <li>• Anthropology 130</li> <li>• Biology 105, 110, 112, 114, 118, 120, 140, 141, 144, 145, 152, 230, 240</li> </ul> <p>5C. Laboratory Take one course in this section if lab course not taken from a 5A or 5B. The lab must complement the science lecture course.</p> <ul style="list-style-type: none"> <li>• Anthropology 131</li> <li>• Astronomy 112</li> <li>• Biology 141L</li> <li>• Chemistry 241L, 242L</li> <li>• Geography 121</li> <li>• Geology 111</li> <li>• Oceanography 113</li> <li>• Physical Science 111</li> </ul>

		<p><b>Area 6 – Languages Other Than English</b> (UC requirement only)</p> <p>Proficiency is demonstrated through one of the following: (1) completion of two years of high school study in the same language with a “C” grade or higher (verified by high school transcript); (2) complete one of the courses listed in IGETC, area 6A; (3) Students may also meet with a Counselor for other verification options.</p> <p>6A. Languages Other Than English</p> <ul style="list-style-type: none"> <li>• American Sign Language 120, 121, 220, 221</li> <li>• Arabic 120, 121, 122, 123, 220, 221, 250, 251</li> <li>• Chinese 120, 121, 220, 221, 250, 251</li> <li>• French 120, 121, 220, 221, 250, 251</li> <li>• German 120, 121, 220, 221, 250, 251</li> <li>• Italian 120, 121, 220, 221, 250, 251</li> <li>• Japanese 120, 121, 220, 221, 251</li> <li>• Russian 120, 121, 220, 221, 250, 251</li> <li>• Spanish 120, 121, 122, 123, 220, 221, 250, 251</li> </ul>
	<p><b>U.S. History, Constitution and American Ideal</b></p> <p><i>Although this requirement is not part of the General Education requirements for CSU, all students must complete coursework in American Ideals. The courses may also be used to partially fulfill Area D of the CSU General Education Breadth requirements</i></p> <p><i>This requirement may be fulfilled prior to transfer by completion of a course or courses that satisfy all three areas (US-1, US-2, and US-3). Please note that the course designations below are unique to Grossmont College. *</i></p> <p>* Students are required to select either Option I, Option II or Option III and then complete 1 or 2 courses.</p> <p>In Option I and Option II, one course must be from <b>List A</b> and one course from <b>List B</b>.</p> <p>In Option III, the List A course fulfills all three designations. This information is current at the time of catalog production.</p>	<p><b>U.S. History, Constitution and American Ideals</b></p> <p>CSU Graduation Requirement in U.S. History, Constitution, and American Ideals (American Institutions) is not part of IGETC but may be completed prior to transfer to CSU.</p>

**Option I**

Choose one course from List A and one course from List B.

List A:

- CCS 180,
- HIST 108, HIST 114, HIST 115, HIST 122, HIST 180

List B:

- CCS 119, CCS 131,
- HIST 109, HIST 115, HIST 119, HIST 123, HIST 124, HIST 131,
- POSC 121, POSC 140

**Option II**

Choose one course from List A course and one course from List B.

List A:

- POSC 121

List B:

- CCS 118, CCS 119, CCS 130, CCS 181, HIST 109, HIST 118, HIST 119, HIST 130, HIST 181

**Option III**

Choose a course from List A.

List A:

- History 115