## Disciplinary Communication General Education Requirements by Department

PDF version of Disciplinary Communication Chart

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<tr>
<th>List of Majors</th>
<th>Course Requirements for Disciplinary Communication General Education Requirement</th>
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<tr>
<td><strong>Applied Linguistics and Multiculturalism B.A.</strong></td>
<td>Applied Linguistics 190</td>
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<tr>
<td><strong>Applied Physics B.S.</strong></td>
<td>Physics 182 and the senior thesis</td>
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<tr>
<td><strong>Art and Design: Games and Playable Media B.A.</strong></td>
<td>Art and Design: Games and Playable Media 170</td>
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<tr>
<td><strong>Art B.A.</strong></td>
<td>Art 190A</td>
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<tr>
<td><strong>Bioengineering B.S.</strong></td>
<td>Computer Engineering 185 or Biomolecular Engineering 185</td>
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<tr>
<td><strong>Biochemistry and Molecular Biology B.S.</strong></td>
<td>One of the following: Biochemistry and Molecular Biology 110L, Biology: Molecular, Cell, and Developmental Biology 100L, 105L, 109L, 115L, 121L, 186L, or Microbiology and Environmental Toxicology 119L</td>
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<tr>
<td><strong>Bioinformatics B.S.</strong></td>
<td>Computer Engineering 185 or Biomolecular Engineering 185</td>
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<tr>
<td><strong>Biological Sciences B.S.</strong></td>
<td>Two of the following courses: Biology: Ecology and Evolutionary Biology 108, 114/L, 117, 120/L, 122/L, 127/L, 128/L, 129/L, 137, 141L, 145, 145L, 150/L, 151B, 153C, 158L, 159A, 161L, 171, 172/L; or one of the following: BIOL 105L, 109L, 115L, 120L, 121L</td>
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<tr>
<td><strong>Business Management Economics B.A.</strong></td>
<td>Economics 104 or 197</td>
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<tr>
<td><strong>Chemistry B.A.</strong></td>
<td>Chemistry and Biochemistry 151L and one of the following: Chemistry and Biochemistry 146A, 146B, or 146C</td>
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Chemistry B.S.
Chemistry and Biochemistry 151L and one of the following: Chemistry and Biochemistry 146A, 146B, or 146C

Chemistry B.S. with Biochemistry Concentration
Chemistry and Biochemistry 151L and Biochemistry and Molecular Biology 110L

Chemistry B.S. with Environmental Chemistry Concentration
Chemistry and Biochemistry 151L and one of the following: Chemistry and Biochemistry 146A, 146B, or 146C

Classical Studies B.A.
Two courses from either:
- Greek Literature 184B, 184C, 184D, or 184E;
- Latin Literature 186B, 186C, or 186D

Cognitive Science B.S.
Psychology 119E, 119F, 139B, 139D, 139F, 139G, 139H, 139J, or 139K, 139L, 139M, 139N

Community Studies B.A.
Community Studies 102 and 194

Computer Engineering B.S.
Computer Engineering 185

Computer Science B.A.
Computer Science 115; 132 and 132W; 180 and 180W; 185; 195; or Computer Engineering 185

Computer Science B.S.
Computer Science 115; 132 and 132W; 180 and 180W; 185; 195; or Computer Engineering 185

Computer Science: Computer Game Design B.S.
Computer Science 170

Critical Race and Ethnic Studies B.A.
Critical Race and Ethnic Studies 190

Earth Sciences B.S.
Two of the following: Earth Sciences 100, 101, 102, 104, 109, 120, 140, 146, 148, 150, 160, 188A, 191A, 195

Earth Sciences/Anthropology Combined Major B.A.

Ecology and Evolution B.S.

Economics B.A.
Economics 104 or 197

Economics/Mathematics Combined Major B.A.
Economics 104 or 197 or Mathematics 100 and either 194 or 195

Electrical Engineering B.S.
Electrical Engineering 129A, 129B, and 129C; or Electrical Engineering 129A and Senior Thesis
<table>
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<tr>
<th>Discipline</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>Environmental Studies B.A.</td>
<td>Environmental Studies 100 and 100L and one of the following: Environmental Studies 109B, 183B, 190, 195B, or 196</td>
</tr>
<tr>
<td>Environmental Studies/Biology Combined Major B.A.</td>
<td>Environmental Studies 100 and 100L and one of the following: Environmental Studies 109B, 183B, 190, 195A, 195B, 196, or Biology: Ecology and Evolutionary Biology 109</td>
</tr>
<tr>
<td>Environmental Studies/Earth Sciences Combined Major B.A.</td>
<td>Environmental Studies 100 and 100L and either Environmental Studies 109B, 183B, or 190, or 195B, or 196, or Earth Sciences 195, or Earth Sciences 188A-B</td>
</tr>
<tr>
<td>Environmental Studies/Economics Combined Major B.A.</td>
<td>Environmental Studies 100 and 100L and one of the following: Environmental Studies 109B, 183B, 190, 195B, or 196</td>
</tr>
<tr>
<td>Film and Digital Media B.A.</td>
<td>One of each of the following: Film and Digital Media 130, 132A, 132B, 134A, or 134B; and Film and Digital Media 194A, 194B, 194C, 194D, 194E, 194F, 194G, 194S, 195, 196A, 196B, 196C, or 197</td>
</tr>
<tr>
<td>German Studies B.A.</td>
<td>History 196G or 196P or 196X or Literature 190Z</td>
</tr>
<tr>
<td>Global Economics B.A.</td>
<td>Economics 104 or 197</td>
</tr>
<tr>
<td>History of Art and Visual Culture B.A.</td>
<td>History of Art and Visual Culture 100A</td>
</tr>
<tr>
<td>Human Biology B.S.</td>
<td>Biology: Molecular, Cell, and Developmental 130L and 189 and 189W</td>
</tr>
<tr>
<td>Italian Studies B.A.</td>
<td>History 196C, 196D, or 196Y; or Literature 185Z and one of the following: History 164A, 164B, 183A, 183B; History of Art and Visual Culture 137B, 137C, 137D, 137E, 153, 154, 190V; Literature 114C, 116E, 132B, 144E, 164E, 164H, 166B, 185A, 185B, 185G, 185I, 185J, 185K, 185M, 185N, 185O, 185P, 185Q, 190G</td>
</tr>
<tr>
<td>Jewish Studies B.A.</td>
<td>One of the following: History 194K, 194L, 196G, 196M, 196N, 196P, or 196R, or Jewish Studies 195A-B, or Literature 190Y, or Jewish Studies 190A or History of Consciousness 190A</td>
</tr>
<tr>
<td>Language Studies B.A.</td>
<td>Linguistics 101 and either 111 or 112</td>
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<tr>
<td>Latin American and Latino Studies B.A.</td>
<td>Latin American and Latino Studies 100A and 100B</td>
</tr>
</tbody>
</table>
Latin American and Latino Studies/Politics Combined Major B.A.

Latin American and Latino Studies 100A and 100B

Latin American and Latino Studies/Sociology Combined Major B.A.

Latin American and Latino Studies 100A and 100B

Legal Studies B.A.

Legal Studies 111A and 160B; or Senior Thesis 195A, 195B, 195C (2-3 quarters)

Linguistics B.A.

Linguistics 101 and 112

Literature B.A.

Literature 101


Mathematics B.A.

Mathematics 100 and either 194 or 195

Molecular, Cell, and Developmental Biology B.S.

One of the following: Biochemistry and Molecular Biology 110L, Biology: Molecular, Cell, and Developmental Biology 100L, 105L, 109L, 115L, 120L, 121L, 186L; or Microbiology and Environmental Toxicology 119L

Music B.A./B.M.

Music 101A and 101C

Network and Digital Technology B.A.

Computer Engineering 185

Neuroscience B.S.

One of the following: Biology: Ecology and Evolutionary Biology 141L; Biology: Molecular, Cell, and Developmental Biology 100L, 105L, 109L, 115L, 120L, 121L, or 186L

Philosophy B.A.

Two of the following: Philosophy 100A, 100B, 100C

Physics B.S.

Physics 182 and the senior thesis

Physics: Astrophysics B.S.

Physics 182 and the senior thesis


Politics B.A.


Psychology 100 and one of the following:


Robotics Engineering B.S.

Computer Engineering 185
Science Education B.S.

Biology: Ecology and Evolutionary Biology 107 and 109; or two of the following courses: BIOE 108, 114/L, 117, 120/L, 122/L, 127/L, 128/L, 129/L, 137, 141/L, 145, 145L, 150/L, 151B, 153C, 158L, 159A, 161L, 172/L; or Education 185/L and one of the following courses: Earth Sciences 100, 101, 102, 104, 109, 120, 140, 146, 148, 150, 160, 188A, 191A, and 195

Sociology B.A.

Sociology 105A and 105B

Spanish Studies B.A.

Spanish 114 or Spanish and Spanish for Heritage Speakers 115

Theater Arts B.A.

Theater Arts 160 and 185

Technology and Information Management B.S.

Technology and Information Management 158

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