



Transfer Major Sheet

**MATH**

Mathematics Associate in Science Degree for Transfer is available. For more information, visit <http://articulation.fullcoll.edu/ADT.htm>

CSU	Major Courses	Notes
Fullerton	<p>MATH 150AF MATH 150BF MATH 250AF MATH 250BF CSCI 123 F</p> <p>Each student is required to complete one of the following cognates:</p> <ul style="list-style-type: none"> <li>- <b>Chemistry:</b> CHEM 111AF &amp; CHEM 111BF</li> <li>- <b>Civil Engineering:</b> ENGR 201 F</li> <li>- <b>Computer Sciences:</b> CSCI 133 F &amp; CSCI 241 F &amp; [CIS 217 F or CIS 221 F or CIS 226 F]</li> <li>- <b>Economics:</b> [ECON 101 F or ECON 101HF] &amp; [ECON 102 F or ECON 102HF]</li> <li>- <b>Finance:</b> N/A</li> <li>- <b>Information Systems &amp; Decision Science:</b> N/A</li> <li>- <b>Mathematics:</b> N/A</li> <li>- <b>Physics:</b> PHYS 221 F &amp; PHYS 222 F &amp; PHYS 223 F</li> <li>- <b>Research:</b> N/A</li> </ul>	<p>Each student is required to complete one of the following concentrations (21-23 units):</p> <ul style="list-style-type: none"> <li>- <b>Pure Mathematics</b></li> <li>- <b>Applied Mathematics</b></li> <li>- <b>Probability &amp; Statistics</b></li> <li>- <b>Teaching Mathematics</b></li> <li>- <b>Actuarial Science</b></li> </ul>
Long Beach	<p>ENGL 201 F MATH 150AF MATH 150BF MATH 250AF MATH 250BF MATH 250CF</p> <p>For <b>General Mathematics</b> option, also take: CIS 228 F MATH 171 F PHYS 221 F or PHYS 221HF</p> <p>For <b>Applied Mathematics</b> option, select one of the suboptions: <b>Suboption I: Application in Science &amp; Engineering</b>, also take: CIS 228 F PHYS 221 F or PHYS 221HF PHYS 222 F PHYS 223 F or ENGR 201 F or ENGR 203 F</p> <p><b>Suboption II: Applications in Economics and Management</b> option, also take: CIS 228 F ECON 101 F ECON 102 F</p> <p>For <b>Mathematics Education</b> option, also take: ([PHYS 221 F or PHYS 221HF] &amp; PHYS 222 F) or PHIL 170 F MATH 171 F</p> <p>For <b>Statistics</b> option, also take: CIS 228 F MATH 171 F</p>	<p><b>Impacted major.</b></p> <p>4 options: (1) General (2) Applied Mathematics (3) Mathematic Education (4) Statistics</p>

UC	Major Courses	Notes
Irvine	[CHEM 111AF & CHEM 111BF] <u>or</u> [PHYS 221 F & PHYS 222 F & PHYS 223 F] CIS 226 F <u>or</u> CSCI 123 F <u>or</u> CSCI 223 F MATH 150AF MATH 150BF MATH 250AF MATH 172 F <u>or</u> [MATH 250BF & MATH 250CF] MATH 250BF	
Los Angeles	CSCI 123 F MATH 150AF MATH 150BF MATH 250AF MATH 250BF PHYS 221 F  <b>Choose 2 courses from the follow:</b> BIOL 170 F & BIOL 274 F CHEM 111AF CHEM 111BF PHYS 211 F PHYS 222 F PHYS 223 F	There are other concentrations, please visit ASSIST.org for additional requirements for the other concentrations.
Riverside	CSCI 123 F* <u>or</u> CSCI 223 F MATH 150AF MATH 150BF MATH 250AF MATH 250BF  Recommended course for the B.S. degree, also take: CIS 223 F <u>or</u> [CSCI 123 F* & CSCI 133 F*]  For <b>Computational Math</b> track, take: CSCI 133 F*  For <b>Applied Math</b> track – <b>Biology</b> option, also take: BIOL 170 F & BIOL 272 F & BIOL 274 F  For <b>Applied Math</b> track – <b>Chemistry</b> option, also take: CHEM 111AF & CHEM 111BF [PHYS 210 F & PHYS 211 F] <u>or</u> [PHYS 221 F & PHYS 222 F & PHYS 223 F]  For <b>Applied Math</b> track – <b>Economics</b> option, also take: ECON 101 F <u>or</u> ECON 101HF  For <b>Applied Math</b> track – <b>Environmental Science</b> option, also take: CHEM 111AF & CHEM 111BF Recommended courses: ESC 100 F & ESC 100LF  For <b>Applied Math</b> track – <b>Physics</b> option, also take: PHYS 221 F & PHYS 222 F & PHYS 223 F  For <b>Applied Math</b> track – <b>Statistics</b> option, also take: MATH 120 F <u>or</u> MATH 120HF <u>or</u> SOSC 120 F  <b>*Preferred course(s) for students majoring in Computer Science</b>	Do <b>NOT</b> follow IGETC.  The B.S. in Mathematics offers three tracks: 1) Pure Math 2) Computational Math 3) Applied Math with 6 options: - Biology - Chemistry - Economics - Environmental Science - Physics - Statistics

[www.assist.org](http://www.assist.org)

Please access the above website for the most updated articulation information

**SUBJECT TO CHANGE WITHOUT NOTICE**

COUNSELORS: Meisenhelder

Updated by Lee / KTran (10/2015)