UC President’s Transfer Initiative

“Transfer students are an important part of UC’s strength, as well as an engine of social mobility for our state. Put simply, if we are serving transfers well, then we are serving the state well.”

– President Napolitano

- May 2014: Transfer Action Team of faculty, staff, and students presented recommendations to UC Regents

- Highlighted importance of admissions and articulation streamlining
Transfer Action Team Report Findings

- Preparing for transfer from a CCC to the UC system is complicated by variations in pre-major requirements among UC campuses, even among similar majors.

- Although there is sufficient information available on transfer preparation, it is not organized effectively.

- Student transfer between community colleges and four-year institutions is complex, even for well-prepared students.
CCC Transfers Come from Across CA

Example: UC San Diego draws heavily from Southern California, but also from CCC’s across the state

http://universityofcalifornia.edu/infocenter
Objectives of a Streamlined Transfer Pathway

- Ensures even access to UC campuses across the system
- Transfer students are prepared to perform on par with students who entered UC as freshmen
- Transfer students can complete their major in only two additional years
- Broad enough to include all UC campus variations
- Small enough to allow students to satisfy some breadth requirements prior to transfer
UC Transfer Pathways…

- Offer clear course-taking advice to potential transfers
- Include all 9 UC campus admission requirements
- Provide a set of course expectations that prepare transfer students for timely graduation

- *Not* necessarily a duplicate of the Associate Degrees for Transfer (ADTs)
- *Not* a guarantee of admission to UC
Top 10 Majors for Transfers

- Anthropology
- Biochemistry
- Biology
- Cell Biology
- Chemistry
- Economics
- Mathematics
- Molecular Biology
- Physics
- Sociology

23% of CCC applicants to UC
Top 21 Majors for Transfers

- Anthropology
- Biochemistry
- Biology
- Cell Biology
- Chemistry
- Economics
- Mathematics
- Molecular Biology
- Physics
- Sociology
- Business
- Communication
- Computer Science
- Electrical Engineering
- English
- Film
- History
- Mechanical Engineering
- Philosophy
- Political Science
- Psychology
**Example: Biology Pathway**

<table>
<thead>
<tr>
<th>CSU-CCC Transfer Model Curriculum</th>
<th>UC Transfer Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>&quot;Core&quot; Courses</strong></td>
<td><strong>Expected Coursework</strong></td>
</tr>
<tr>
<td>Biology Sequence</td>
<td>General Biology w/ lab (full introductory sequence)</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>General Chemistry w/ lab (one-year sequence)</td>
</tr>
<tr>
<td>Calc. for Life/Social Science or higher</td>
<td>Calculus for STEM Majors (one-year sequence)</td>
</tr>
<tr>
<td>Physics: Trig-based or higher</td>
<td>--</td>
</tr>
<tr>
<td>One additional biology course</td>
<td>--</td>
</tr>
<tr>
<td>--</td>
<td>Organic Chemistry w/ lab (one-year sequence)</td>
</tr>
</tbody>
</table>
Challenges to Address

- How do individual CCC courses align with UC course expectations?
- Where do complete Transfer Pathways exist?
- How can we build as many Transfer Pathways as possible for prospective UC transfer students?
UC Systemwide Articulation Plan

- Analyze existing articulation of each Transfer Pathway
  - 9 UC campuses x 112 CCCs x 10 Pathways x 5 courses (on average) per Pathway ≈ 50,000 courses

- Identify articulation gaps and opportunities

- Expand articulation systemwide via strategic campus outreach
Figure 1: Distribution of Community Colleges with Articulated Courses that Satisfy the Biology Pathway*

- **Complete Alignment (100%)**
  - 32 CCCs offer the fully articulated Biology Pathway.

- **Incomplete Alignment**
  - 22 CCCs do not possess articulated coursework for a student to complete the Biology Pathway.

**Strategic Outreach to UC Campuses**
- A total of 58 CCCs are close to offering complete Biology Pathways.

**Total: 112 CCCs**

*Subject to change as further articulation analyses are completed*
Figure 2: Summary of Articulation Changes to Achieve Full Alignment of the Biology Pathway*

**“B” Colleges (94% Alignment)**
One or two changes by 1-2 UC campuses at each of 11 CCCs will resolve articulation gaps.

**“A” Colleges (97% Alignment)**
One change by 1 UC campus at each of 25 CCCs will produce a complete Biology Pathway.

**“C” Colleges**
Three or more changes by 1-3 UC campuses at each of 22 CCCs will produce a complete Biology Pathway.

Total: 112 CCCs

*Subject to change as further articulation analyses are completed*
Message to Students

While following a Transfer Pathway does not guarantee UC admission, it gives you a clear roadmap to prepare for your intended major and be well positioned to graduate on time from any UC campus.

The Transfer Pathways guide students who want to make themselves competitive across the UC system; some campuses may want fewer courses for admission, but none will expect more.
Taking the following courses will prepare you to major in biology at any UC campus.

**Expected coursework**

- General biology with lab (full introductory sequence)
- General chemistry with lab (one-year sequence)
- Calculus for STEM majors (one-year sequence)
- Organic chemistry with lab (one-year sequence)

**Full sequences** can take two to four terms to complete (depending on whether your institution is on semesters or quarters), so you'll want to start them early. Use ASSIST to find the specific classes offered at your community college that will satisfy the expected coursework.

Looking ahead: Some of UC's biology majors also require one year of calculus-based physics with lab (not trigonometry-based physics) and/or one term of statistics before graduation from UC. You can complete these courses at your community college if your schedule allows, but you can also complete them after transfer without negatively affecting your competitiveness for admission to UC.

[ucal.us/transferpathways](ucal.us/transferpathways)

- Highlights course expectations
- Includes important caveats and details
Next Steps

- Produce articulation data reports for UC Transfer Pathways
- Determine which articulation gaps to be addressed via direct UC campus outreach
- Develop guidance on how Transfer Pathways fit with General Education options
UC Transfer Pathways
http://ucal.us/transferpaths

UC Transfer Articulation
http://www.ucop.edu/transfer-articulation