Overview:
Pre-Dentistry is a career interest developed together with a bachelor's degree. Students prepare by taking courses to meet medical school entry requirements, studying to learn concepts and earn mostly A’s and B’s, shadowing and working with dentists, taking the Dental Admission Test (DAT) and applying for admission to dental schools.

KU offers many related courses, academic support services, an informative website, weekly e-newsletters, related student organizations, service and research opportunities, application assistance and trained premedical advisors.

If you're currently a KU student, you can bring your KUID to 109 Strong Hall, and add the predentistry interest code to get application reminders, and announcements about related club meetings and volunteer opportunities.

The following courses meet requirements at the UMKC School of Dentistry:
- ENGL 101 Composition (3 credit hours) or 105 Freshman Honors English (3)
- ENGL 102 Critical Reading & Writing (3) or 205 Freshman-Sophomore Honors Proseminar (3)
- BIOL 150 Principles of Molecular & Cellular Biology or 151 Honors (4, CHEM 130, 170 or 180 is co-requisite)
- BIOL 152 Principles of Organismal Biology (4, not required for UMKC, but strongly encouraged)
- BIOL 240 Human Anatomy AND 241 Lab (3&2), or BIOL 510 Comparative Anatomy (5)
- BIOL 246 Human Physiology AND 247 Lab (3&2), or BIOL 546 Mammalian Physiology AND 647 Lab (4&2)
- BIOL 350 Principles of Genetics or 360 Honors (4) is required for BIOL 416
- BIOL 416 Cell Structure & Function (3)
- BIOL 600 Introductory Biochemistry (3)
- CHEM 130 General Chemistry I, 170 for Chemical Science Majors, or 190 Honors (5, must be calculus-eligible)
- CHEM 135 General Chemistry II, 175 for Chemical Science Majors, or 195 Honors (5)
- CHEM 330 Organic Chemistry I (3) or 380 Honors (3), and 331 Lab (2)
- CHEM 335 Organic Chemistry II or 385 Honors (3), and 336 Lab (2)
- PHSX 114 College Physics I (4), 211 General Physics I and 216 Lab (4&1), or 213 Honors (5)
- PHSX 115 College Physics II (4), 212 General Physics II and 236 Lab (3&1), or 214 Honors (4)
- PHSX 122 Fundamentals of Sculpting, 131 Ceramics, and/or 132 Metal Smithing & Jewelry Making (3)
- ENTR 301 Starting Your Own Business (3) and other small business courses
- Spanish Language Courses (SPAN)

Some recommended non-science courses:
- ART 122 Fundamentals of Sculpting, 131 Ceramics, and/or 132 Metal Smithing & Jewelry Making (3)
- ENTR 301 Starting Your Own Business (3) and other small business courses
- Spanish Language Courses (SPAN)

Sample Plan
There are many ways to sequence required and recommended courses. Here's one option:

<table>
<thead>
<tr>
<th>1st Fall</th>
<th>1st Spring</th>
<th>2nd Fall</th>
<th>2nd Spring</th>
<th>3rd Fall</th>
<th>3rd Spring</th>
<th>4th Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 130</td>
<td>CHEM 135</td>
<td>CHEM 330</td>
<td>CHEM 335</td>
<td>PHSX 114</td>
<td>PHSX 115</td>
<td>BIOL 240</td>
</tr>
<tr>
<td>BIOL 150</td>
<td>BIOL 152</td>
<td>CHEM 331</td>
<td>CHEM 336</td>
<td>BIOL 600</td>
<td>BIOL 546</td>
<td>BIOL 241</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>BIOL 350</td>
<td>BIOL 416</td>
<td>BIOL 647</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Applying for</td>
<td>RAP*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For more information: medadvising.ku.edu