## **ACADEMIC MAJORS COMPARISON**

|  | 1                                  |   |  | ACA   | DEMIC MA   | JORS COMPARISON   |   |   | 1   |  |   |
|--|------------------------------------|---|--|---|--|---|---|---|---|--|---|
|  |                                    | Prog  | ram/Enrollmen                                  | t Size  |  | Community Needs   |   |   |   | Fiscal Ramifications   |   |
| 1  | 2                                  | 3   | 4  | 5   | 6  | 7   | 8   | 9                                       | 10  | 11   | 12  |
| Major Field of Study                                     | US Degrees<br>% of 01/02 -<br>NCES | CSU Degrees<br>% Seeking CSU<br>Degrees - Fall 04 | CSU Impacted<br>Programs<br>in 2005/06 x/total | VCCCD<br>Planning to<br>Transfer -<br>Fall 2004 | CSUCI % Fall 2004 FTE enrolled & June '04 Curr. Plan | National Outlook<br>Fastest Growing Occupations<br>2002 to 2012 - BLS | Ventura County (California - 2012) Fastest Growing Occupations 2002 to 2008 Calmis & Employment Dev. Dept.                  | Community<br>Partnership<br>Opportunity | Mission Based,<br>Forward Thinking,<br>Opportunities for<br>Expansion | Program<br>Resources:<br>Instructional<br>Costs, Faculty,<br>Space per FTE | 2004-05 CSUCI<br>Faculty:<br>Tenure/Lecturers |
|  |                                    |   |  |   | į.   |   |   |   |   |  | 48/153  |
| Agricultural & Natural<br>Resources                      | 1.8%                               | 1.8%  |  | 1.1%  |  |   |   |   |   |  |   |
| Architecture   | 0.7%                               | 1.0%  | 2/2  | 1.2%  |  |   |   |   |   |  |   |
| Arts, Visual and<br>Performing                           | 5.2%                               | 6.4%  |  | 8.8%  |  |   |   |   |   | \$5,385  |   |
| Art  |                                    | 2.8%  | 1/21   | 2.2%  | 7.7%   |   | Independent Artists, Writers, Performers (22.7%)  |   |   |  | 4/17  |
| BA Performing Arts                                       |                                    |   |  |   | 06-07  |   |   | Rubicon                                 |   |  |   |
| Theatre  |                                    | 0.8%  | 2/20   | 0.9%  |  |   |   | Theatre, other local                    | Emphasis for<br>Performing Arts                                       |  |   |
| BA Film Studies  |                                    | 0.2%  | 4/14   | 1.1%  | 14-15  |   | Motion Picture & Video Industires (27.3%) Motion Picture & Sound Recording (26.4%)  | performance<br>groups &<br>venues       | Emphasis for<br>Communication<br>Emphsis for                          |  |   |
| BA Music   |                                    | 1.0%  | 2/19   | 1.5%  | 13-14  |   |   | Tonaco                                  | Perforring Arts   |  | 0/3   |
| Graphic Design   |                                    | 0.7%  | 4/14   | 0.7%  |  |   |   |   | Interdisciplinary<br>OppComp Sci                                      |  |   |
| Area, Ethnic, Cultural<br>Studies                        | 0.5%                               | 0.1%  |  | 0.1%  |  |   |   |   |   |  |   |
| Biological/Life Sciences                                 | 4.7%                               | 4.8%  | 2/21   | 3.4%  | 9.9%   |   |   |   |   | \$4,507  |   |
| Biology  |                                    |   |  | 2.2%  |  | Biochemist, biophysicist, Ph.D.<br>Bioinformatics Spec, 99% (MA)      | Bioinformatics Spec, 99% (MA)<br>Biological technicians (49%) AA  |   |   |  | 3/6   |
| BA Biology   |                                    |   |  |   | 05-06  |   | Pharmacists (24%) Prof. Pharmac. & Med. Manufacturing (40.5%)   |   |   |  |   |
|  |                                    |   |  |   |  |   | Research Associates, (34%) BS<br>Clinical Research Assoc (28%) BS   |   |   |  |   |
|  |                                    |   |  |   |  |   | Biochem Develop Eng (21%) BS<br>Manufact. Res Assoc (21%) BS  | Amgen,                                  |   |  |   |
|  |                                    |   |  |   |  |   | Documentation Spec. (34%) BS  | Baxter                                  |   |  |   |
|  |                                    |   |  |   |  |   | Medical (Tech) Writers (30%) BS<br>Safety Specialist (24%) BS   | 1                                       |   |  |   |
|  |                                    |   |  |   |  |   | Scientific Program. Anal (59%) BS Customer Service Rep (34%) BS   | _                                       |   |  |   |
|  |                                    |   |  |   |  |   | Graphic Designers (29%) BS  |   |   |  |   |
| BS Biomedical Engineering/<br>Medical Imaging/Biophysics |                                    |   |  |   | 12-13  |   | Technical Serv Rep (23%) BS   |   | Growth Field  |  |   |
| Microbiology   |                                    | 0.3%  | 2/7  |   |  |   | Microbiologist (41%) BS   |   |   |  |   |
| Business   | 21.8%                              | 20.7%   | 4/23   | 19.3%   | 20.5%  |   |   |   |   | \$3,921  | 6/15  |
| Business   |                                    | 10.2%   |  | 14.6%   |  |   |   |   |   |  |   |
| Management   |                                    | 2.0%  |  | 0.6%  |  | Management Analysts, BS +   | Industrial Produuction Manager (20%) BS, General Operations Mgr (20%) BS+ Securities, Commod, & Fin Serv Sales Agent (35%), |   | Emphasis for<br>Business<br>Emphasis for                              |  |   |
| Marketing  |                                    | 1.8%  |  | 3.4%  |  | Market Res analysts, MS   | Financial Analysts (19%), BS Financial & Marketing Managers (27%) BS+   |   | Business<br>Emphasis for  |  |   |
| Finance  |                                    | 1.6%  |  |   |  | Financial & sales mgr, BS +   | Sales Managers (26%) BS+  |   | Business  | \$4,395  |   |
| Accounting   |                                    | 2.3%  |  | 3.2%  |  | Accountants & auditors, BS  | Accountants & auditors (17%) BS   |   | Emphasis for<br>Business<br>Mission Related -                         | \$4,299  |   |
| BA International Business                                |                                    | 0.9%  |  | 0.2%  |  |   |   |   | International   |  |   |

|  |                                    | Progr   | ram/Enrollmen                                  | t Size  |  |  | Distinctive  | Fiscal Rar                              | nifications   |  |   |
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| Communications   | 4.9%                               | 5.9%  | 2/19   | 0.5%  |  |  |  |   |   | \$3,755  | 0/1   |
| BA Communication   |                                    |   |  |   | 08-09  |  |  |   |   |  |   |
| Communication technol.   |                                    | 1.4%  |  |   |  |  |  |   | Interdisciplinary OppComp Sci   |  |   |
| Computer & Info<br>Sciences                                    | 3.7%                               | 3.9%  |  | 4.2%  | 4.3%   | Computer scientists Ph.D,  |  |   |   | \$3,626  | 2/7   |
| Computer Science   |                                    | 2.4%  | 2/21   |   |  | Network systems admin (37%)<br>Data comm. analysts (57%) BS                      | Network systems administrators (51%) BS<br>Software Publishers (48.4%)                                     |   |   |  |   |
| Information Technology   |                                    | 1.4%  | 2/18   | 0.6%  |  | Computer support spec, AA  |  |   |   |  |   |
| BS Computer Systems  |                                    | 0.3%  |  |   | 07-08  | Computer & information systems managers (36%), BS +                              | Computer & info systems managers (30%), BS + Computer Systems Design (40.5%)                               |   |   |  |   |
|  |                                    |   |  |   |  | Comp syst analyst (39%), BA  | Computer systems analysts (28%), BS  |   |   |  |   |
|  |                                    |   |  |   |  | Comp. software eng & appl (46%), Computer systems software (45%), Database admin | Computer Software Engineers, systems (43%), BS<br>Computer applications (42%), BS                          |   |   |  |   |
| BS Info Technology   |                                    |   |  |   | 05-06 S  | (44%) BS Educational, vocational, school counselors.                             | Database administrator (23%) BS  State Government Education (22.5%)  |   |   |  |   |
| Education  BA Blended EducationLS                              | 8.2%                               | 5.9%  |  | 7.6%  |  | MS   | Private Educational Services (35.3%)   |   | Emphasis for  | \$3,775  | 6/37  |
| & Education  |                                    |   |  |   | 08-09  | Elem. School, not spec ed (36%), BS<br>Secondary school teachers, not spec & voc | Elementary School, except Special ed (12%), BS<br>Educational, Voc. & School counselors (20%) MS           | Area Schools                            | Liberal Studies   |  |   |
|  |                                    |   |  |   |  | ed, BS   | Secondary school teachers, not SPED (16%), BS  |   |   |  |   |
| BA Childhood Studies   |                                    | 2.0%  | 2/18   | 3.5%  | 06-07  | Preschool & childcare center, BS +   |  | Area Childcare                          | Interdisciplinary -   |  |   |
| BS Kinesiology  EDUCATION Credential State                     |                                    | 2.5%  | 2/18   |   | 09-10  |  |  | Dole                                    | Wellness Mission Based -  |  |   |
| Support Mild/Moderate Ed Specialist II                         |                                    |   |  |   |  |  |  |   | Service Learning  |  |   |
| Credential Moderate/Sever Level I & II                         |                                    |   |  | 0.1%  |  | Special Education (74%) BS+  |  |   |   |  |   |
| Credential Early Childhood Special                             |                                    |   |  |   |  |  | Spec Ed, Preschool, Kindergarten, Elem Ed (30%),<br>Special Ed Secondary (21%) BS                          |   |   |  |   |
| Education Level I Credential<br>Early Childhood Special        |                                    |   |  |   |  |  |  |   |   |  |   |
| Education Level II Credential<br>Administrative Services Level |                                    |   |  |   |  |  |  |   |   |  |   |
| II Credential<br>Language, Speech and                          |                                    |   |  |   |  | Educational administrators, BS +   |  |   |   |  |   |
| Hearing Credential Single Subject Credential                   |                                    |   |  |   |  |  | Speech Language Pathologist (23%), MS  |   |   |  |   |
| History/Social Science  Bilingual Credential                   |                                    |   |  |   |  |  |  |   |   |  |   |
| Reading Specialist Credential                                  |                                    |   |  |   |  |  |  |   |   |  |   |
| Engineering & related technology                               | 5.7%                               | 7.9%  |  | 3.3%  |  |  |  |   |   | \$8,485  |   |
| English  | 4.1%                               | 2.1%  | 2/22   | 3.4%  | 6.6%   |  | Editors (23%) BS   |   |   | \$3,065  | 5/12  |
| Foreign Lanuages & Lit   | 1.2%                               | 0.8%  |  | 0.4%  |  |  |  |   |   | \$5,563  |   |
| BA Spanish   |                                    | 0.5%  | 2/20   | 0.2%  |  |  |  |   | Mission Related -<br>International                                    |  | 2/4   |
| BA Second Language   |                                    |   |  |   | 12-13  |  |  |   | Mission Related -<br>International                                    |  |   |

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| Health Professions and<br>related sciences   | 5.5%                               | 5.0%  |  | 12.7%   |  | Medical and Health services managers, BS +                            | Private Hospitals (19.1%)  | Area Hospitals                          |   |  |   |
| BS Nutrition                                 |                                    | 0.5%  | 2/12   |   | 10-11  |   | Number (1994) AA   | Dole, Farmers                           | Interdisciplinary -<br>Wellness                                       |  |   |
| BS Nursing                                   |                                    | 3.7%  | 13/14  | 8.9%  | 06-07 S  | Registered Nurses, AA (21-35%)  | Nursing (13%), AA<br>Outpatient Care Centers (53%)   | Hospitals                               | Mission Based -<br>Service Learning                                   | \$7,588  |   |
|  |                                    |   |  |   |  | Physician assistants (49%),   | Home Health Care Serv. (83.6%  |   |   |  |   |
|  |                                    |   |  |   |  | Medical assistants (59%) BS   | Offices of Health Care Pract. (58%) Amulatory Health Care Services (38%) Community Care Facilities for the Elderly (37.8%) |   |   |  |   |
| Health Science                               |                                    | 0.7%  | 1/14   | 1.1%  |  | Dental Hygienists (43%), AA   | Offices of Dentists (45%)  |   |   |  |   |
| Medical Technology                           |                                    |   | 0  | 0.7%  |  | Medical Records & health information technicians (47%), AA            | Medical & Diagnostic Labs (41.6%)  |   |   |  |   |
| Occupational Therapy                         |                                    | 0.1%  | 1/2  |   |  | Occupational therapists (35%)   |  |   |   |  |   |
| Occupational Therapy                         |                                    | 0.176   | 1/2  |   |  | Physical Therapists (35%), Rehabilitation                             |  |   |   |  |   |
|  |                                    |   |  |   |  | counselors MS Physical Therapist assistants (45%), Occup              |  |   |   |  |   |
|  |                                    |   |  |   |  | therapists asst (39%), AA   |  |   |   |  |   |
|  |                                    |   |  |   |  | Veterinary technologists & technicians (44%),<br>AA                   |  |   |   |  |   |
| U F  | 4 40/                              | 4.00/   |  | 0.00/   |  | , , ,   |  |   |   |  |   |
| Home Economics                               | 1.4%                               | 1.2%  |  | 0.8%  |  |   |  |   |   |  |   |
| Law & Legal Studies<br>Liberal A&S, General  | 0.2%                               | 0.0%  |  | 0.6%  |  |   |  |   |   |  |   |
| Studies, Humanities                          | 3.0%                               | 2.6%  | 3/22   | 10.1%   |  |   |  |   |   |  |   |
| Liberal Studies                              |                                    |   |  | 3.0%  | 27.2%  |   |  |   |   |  |   |
| BA Multicultural Studies                     |                                    | 0.3%  |  |   | 07-08  |   |  |   | Mission Based -<br>Multicultural                                      |  | 1/5   |
| Library Science                              | 0.0%                               | 0.0%  |  |   |  |   |  |   |   |  | 2/3   |
| Mathematics                                  | 1.0%                               | 1.2%  |  | 1.0%  | 3.7%   |   |  |   |   | \$3,162  | 3/19  |
| Multi/Interdisciplinary                      | 1.0%                               | 1.270   |  | 1.0%  | 3.7%   |   |  |   | Mission Based -   | φ3,162   | 3/19  |
| Studies                                      | 2.1%                               | 9.2%  |  | 54.8/46.4                                       |  |   |  |   | Interdisciplinary   |  | 0/2   |
| Envrionmental Sci and<br>Resource Management |                                    | 0.4%  |  | 0.8%  | 2.4%   | Environmental Engineers (38%), BS                                     |  |   |   |  |   |
| BA Gender Studies                            |                                    | 0.1%  |  |   | 07-08  | ¥ , , , , ,   |  |   | Mission Based -<br>Emph for<br>Multicultural St.                      |  |   |
|  |                                    | 0.176   |  |   |  |   |  |   | wunuouturai 3l.   |  |   |
| BA Integrative Studies Parks, Rec, Leisure,  |                                    |   |  |   | 08-09  |   | Amusement & Recreation Industries (07.5%)  | -                                       | Interdiocialiaes  |  |   |
| Fitness                                      | 1.6%                               | 0.0%  |  | 0.1%  |  | Recreation, Fitness Workers (21-25%)                                  | Amusement & Recreation Industries (27.5%)<br>Leisure & Hospitality (21.4%)   | Dole                                    | Interdisciplinary -<br>Wellness                                       |  |   |
|  |                                    |   |  |   |  |   | Health and Personal Care Stores (187%)   |   |   |  |   |
| Philosophy & Religion                        | 0.7%                               | 0.0%  |  | 0.6%  |  |   |  |   |   | \$3,033  |   |
| BA Philosophy                                | 3.1 70                             | 0.4%  |  | 0.5%  | 09-10  |   |  |   |   | 40,000   |   |
| Physical Sciences & technology               | 1.4%                               |   |  | 1.2%  | 55 10  |   |  |   |   |  |   |
|  | 1.470                              |   |  |   |  |   |  |   |   | 4  |   |
| Chemistry (BA/BS)                            |                                    | 0.4%  |  | 0.6%  | 05-06  |   | Chemical Manufacturing (18.9%)   | Amgen                                   |   | \$4,730  | 2/4   |
| BA/BS Physics                                |                                    | 0.3%  |  | 0.3%  | 06-07  |   |  |   |   | \$4,962  | 1/3   |
| BA/BS Geology                                |                                    | 0.2%  |  | 0.1%  | 08-09  |   |  |   |   | \$4,526  | 0/2   |
| Protective Services                          | 2.0%                               | 0.0%  | ,  | 1.5%  |  |   |  |   |   |  |   |

|                                   |              | _   |  | . 5.  |  |   |  |   |   |  |   |
|-----------------------------------|--------------|---|--|---|--|---|--|---|---|--|---|
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| Psychology                        | 5.9%         |   | 3/20   |   | 12.5%  |   |  |   |   | \$2,834  |   |
|                                   |              |   |  |   |  |   | Medical & Public health social workers (19%) BS  |   |   |  |   |
| Public<br>Administration/Affairs  | 1.5%         |   | 2/18   |   |  |   |  |   |   |  |   |
| Criminal Justice                  |              |   | 2/15   |   | 10-11  |   |  | Ventura Cty<br>Govt                     |   |  |   |
| Social Work                       |              |   | 3/14   |   |  |   | Medical & Public health social workers (19%) BS  |   |   |  |   |
| ROTC Military Sciences            | 0.0%         |   |  |   |  |   |  |   |   |  |   |
| Social Sciences & History         | 10.3%        |   |  |   |  |   |  |   |   |  |   |
| History                           |              |   | 2/20   |   | 5.0%   |   |  |   |   | \$3,121  |   |
| BA Sociology                      |              |   | 1/19   |   | 05-06  |   |  |   |   | \$2,751  |   |
| BA Political Science              |              |   | 2/20   |   | 06-07  |   |  |   |   | \$3,582  |   |
| BA Economics                      |              |   | 2/21   |   | 05-06  |   |  |   |   | \$3,238  |   |
| BA Anthropology                   |              |   |  |   | 07-08  |   |  |   |   | \$3,133  |   |
| BA Geography & Urban<br>Studies   |              |   |  |   | 09-10  |   |  |   |   | \$2,925  |   |
| BA Working-Class Studies          |              |   |  |   | 12-13  |   |  |   |   |  |   |
| BA Chicano/a Studies              |              |   |  |   | 06-07  |   |  |   |   |  |   |
| BA Activism & Social<br>Processes |              |   |  |   | 11-12  |   |  |   |   |  |   |
| BA International Relations        |              |   | 1/2  |   | 14-15  |   |  |   |   |  |   |