

Table VII.5. Proposed Program Implementation: College of Science and Health

| | BA in Earth Science | BS in Applied Health | BS Chemistry Concentration in Forensic Science or Minor in Forensic Science | BS Computer Information Systems |
|--|--|---|---|--|
| Supports Mission | Yes | Yes | Yes | Yes |
| Employer Demand | Strong | Strong | Moderate/Strong | High |
| Student Demand | Moderate | Strong | Unknown | High in most schools |
| Competitiveness | Montclair, Kean, NJCU, Stockton | None in geographic area | TCNJ has concentration | Exist in almost all NJ schools |
| Longevity | Yes | Yes | Unknown | Yes |
| Supports University Initiatives | Expand teacher education offerings | Meet community need; articulation with community college programs | Increase Chemistry enrollment; support recruitment initiative in sciences | Expand undergraduate offerings to meet employment demands; Increase CS course enrollments |
| Overlap Efficiencies | BS Environmental Science; teacher certifications | BS Community Health Education | Chemistry major | BS Computer Science |
| Existing Faculty Expertise | Yes | Yes | Yes | Yes |
| New Faculty Positions Needed | No | No | 1 with forensic expertise | 1 with IS expertise |
| Other Resources Needed | No | No | Updated equipment | Software |
| Implementation Time Frame | Fall 2008 | Fall 2008 | Fall 2010 | Fall 2010 |
| Priority | High | High | Moderate | High |
| Recommendation | Implemented Fall 2008 | Implemented Fall 2008 | Determine feasibility of program including student interest and external support for internships and employment opportunities. Implement Fall 2010. | Research job market; develop enrollment targets. Determine potential relationships with other programs; develop proposal addressing ABET standards; implement Fall 2010. |

Table VII.5. Proposed Program Implementation: College of Science and Health

| | BS Exercise Science concentration in Sport Management | BA/MS Communication Disorders | BS/MS Ecology and Environment Science | M Ed Teaching Children Mathematics; MAT in Secondary Ed with concentration in Teaching Mathematics |
|--|---|---|--|---|
| Supports Mission | Yes | Yes | Yes | Yes |
| Employer Demand | Moderate | High | Strong | Strong |
| Student Demand | Unknown | Strong | Moderate | Moderate |
| Competitiveness | Rutgers, Seton Hall | No other accelerated programs in NJ | Montclair - MA Env. Studies; NJIT, Rutgers, FDU (only for foreign students). None are accelerated. | MSU, Kean |
| Longevity | Yes | Yes | Yes | Yes |
| Supports University Initiatives | Develop programs in collaboration with external entities | Recruit high quality students | Expand graduate program offerings | Expand graduate program offerings; Prepare teacher/leaders in math with grant support |
| Overlap Efficiencies | Some courses exist in CCOB | All courses already exist in minor and pre-professional program | BS Environmental Science; BA Earth Science; MS Biology | Overlaps with MAEN program and pedagogy courses in COE |
| Existing Faculty Expertise | Yes | Yes | Yes | Yes |
| New Faculty Positions Needed | 1 with expertise in sport management | No | No | No |
| Other Resources Needed | No | No | Updated equipment | No |
| Implementation Time Frame | Fall 2011 | Fall 2008 | Fall 2010 | Fall 2009 |
| Priority | Low/Moderate | Moderate | Moderate | High |
| Recommendation | Research job market; develop enrollment targets. Determine relationship to business programs; develop a proposal in consultation with the Cotsakos College of Business, as needed. Consider implementation in 2011. | Implemented Fall 2008 | Develop enrollment targets and expectations for MS component; implement Fall 2010. | Develop proposal with COE; implement Fall 2009. |

Table VII.5. Proposed Program Implementation: College of Science and Health

| | MS Exercise and Sport Studies | Doctor of Nursing Practice | Clinical Doctorate in Speech Language Pathology |
|--|--|--|---|
| Supports Mission | Yes | Yes | Yes |
| Employer Demand | Strong | Moderate/Strong | Strong |
| Student Demand | Strong | Moderate | Unknown |
| Competitiveness | MSU, Kean, Seton Hall have programs | Rutgers, UMDNJ, FDU, and soon College of St. Eliz. | None in geographic area |
| Longevity | Yes | Yes | Yes |
| Supports University Initiatives | Expand graduate program offerings; continuing education for PE teachers and others | Expand graduate program offerings; address professional trends; meeting gcommunity need and need for nursing faculty | Meet community need |
| Overlap Efficiencies | None | None | None |
| Existing Faculty Expertise | Yes | Yes, but must hire some | Yes, but must hire some |
| New Faculty Positions Needed | 2 (one in year one and one in year two) | 2 (One in 2008-09 to develop the program, and one in 2010-11) | 2 |
| Other Resources Needed | Updated equipment for Exercise Physiology Lab | Payment for clinical practice sites | Payments to clinical practice sites |
| Implementation Time Frame | Fall 2008 | Fall 2010 | Fall 2011 |
| Priority | High | High | Moderate |
| Recommendation | Implemented Fall 2008 | Implement Fall 2010 | Determine feasibility, student demand and professional interest; Implement Fall 2011. |