**Graduate Certificate Peer Comparison Chart**- select two peers for completing the comparison chart from (in order of priority) [ABOR-approved institutions](https://www.azregents.edu/arizonas-public-universities/peer-institutions), [AAU members](https://www.aau.edu/who-we-are/our-members), and/or other relevant institutions recognized in the field. The comparison chart will be used to identify typically required coursework, themes, and experiences for certificate programs within the discipline. The comparison programs are not required to have the same certificate name as the proposed UA program. Information for the proposed UA program must be consistent throughout the proposal documents. Delete EXAMPLE columns once ready to submit/upload.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Certificate name, institution** | **Proposed UA Program:** | **Peer 1:** | **Peer 2:** | **Example UA Proposed: Graduate Certificate** | **Example Peer:**  **Graduate Certificate in Technology Commercialization, University of South California** |
| **Current # of enrolled students** |  |  |  |  | 27 (made up for this example) |
| **Certificate program description** | Copy and paste the text from Section I of the “Additional Information Form” |  |  | Provide detailed description of the certificate. Highlight key concepts that the program plans to cover and unique experiences. Description could be used to market the program. | From: https://www.marshall.usc.edu/programs/certificate-programs/graduate-certificate-technology-commercialization  The Certificate in Technology Commercialization provides students with a unique opportunity to learn commercialization skills in a real world environment that combines theory and practice. Students participate in this living laboratory program to experience the entire spectrum of the commercialization process: invention, product development, technical and market feasibility analysis, intellectual property acquisition, business design, and venture funding, while potentially becoming stakeholders in a new technology venture. Students benefit from faculty in science, engineering, and business to guide them. They are also eligible to apply for internships sponsored by industry partners to give them additional experience in taking a new technology to market. |
| **Target careers** |  |  |  | -Historian  -Academia  -K-12 educator  -Human Relations  -Government  -Embassy Operations  -Civil Service | -Scientists  -Engineers  -Entrepreneurs  -Business |
| **Certificate level (graduate certificate or post-master’s certificate)** |  |  |  | Graduate certificate | Graduate certificate |
| **Total units required to complete certificate** |  |  |  | 12 | 12 |
| **Total transfer units that may apply to the certificate** |  |  |  | 3 | 0 |
| **Pre-admission expectations (i.e. academic training to be completed prior to admission)** |  |  |  | Prior experience in the field; BS in related field. | Masters and PhD candidates; students with a graduate degree in a related field with interest in technology business |
| **Certificate requirements. List all certificate requirements including core and electives.. Courses listed must include course prefix, number, units, and title. Mark new coursework (New). Include any limits/restrictions needed. Provide email(s)/letter(s) of support from home department head(s) for courses not owned by your department.** |  |  |  | Complete 6 units of core coursework:  -ECOL 547 (3) Introduction to Theoretical Ecology  -ARE 631 (3) Arts-based Research  Complete 3 units of minor elective from options:  -MAS 587 (3) Chicana Gender Perspectives  -DNC 500 (3) Dance and Culture  Complete 2 units of from the following list. Limit of 1 unit of independent study may be used towards this requirement.:  Complete 1 unit of internship or practicum: | Required courses (6 units):  -BAEP 556 (3) Technology Feasibility  -BAEP 557 (3) Technology Commercialization  Elective courses (complete 6 units):  -BAEP 553 (3) Cases in New Venture Management  -BAEP 554 (3) Venture Initiation  - BAEP 555 (3) Founders Dilemmas: Anticipate and Avoid Startup Pitfalls  -BAEP 561 (1.5) Entrepreneurship in Innovative industries: Life Sciences  -BAEP 562 (1.5) Entrepreneurship in eCommerce  -BAEP 563 (3) Corporate Entrepreneurship  -BAEP 575 (3) Entrepreneurship in the Media and Entertainment Industry  -ISE 515 (3) Engineering Project Management  -ISE 555 (3) Invention and Technology Development  -ISE 585 (3) Strategic Management of Technology  -MOR 561 (3) Strategies in High-Tech Businesses  -MORE 564 (3) Strategic Innovation: Creating New Markets, Business Models and Growth |
| **Research methods, data analysis, and methodology requirements. (Yes/No). If yes, provide description.** |  |  |  | No | No |
| **Internship, practicum, applied course requirements (Yes/No). If yes, provide description.** |  |  |  | Yes. Students complete 1 unit of an internship or practicum in the field. | None |
| **Additional requirements (provide description)** |  |  |  | Students must present certificate portfolio. | Minimum 3.00 GPA for courses used to complete the certificate. |

\*Note: comparison of additional relevant programs may be requested.