

**California State University, Long Beach
College of Natural Sciences and Mathematics
Science Education Department**

Advancement to Candidacy Form

Student Name _____ Student ID# _____ Signature _____ Date _____
(First, Last, MI)

Address _____ City, State, Zip _____

Email Address _____ Phone Number _____

Graduate Program for the Master of Science in Science Education; Option: **Informal Option**

| | Dept. | No. | Title | Units 400level | Units 500/600 -level | Semester Taken e.g, F16/S17 | Grade |
|--|-------|---------------|---|-------------------|----------------------------|-----------------------------------|-------|
| <i>Core Science Education courses</i> | SCED | 550 | <i>Current Issues & Research in Science Education</i> | | 3 | | |
| | SCED | 551 | <i>Science Teaching, Learning & Curriculum Models</i> | | 3 | | |
| | SCED | 552 | <i>Nature of Science</i> | | 3 | | |
| | SCED | 553 | <i>Science Learning in Informal Settings (informal option only)</i> | | 3 | | |
| <i>Graduate Science Courses</i> | SCED | 500 | <i>Life Science Applications for K-8 Teachers</i> | | 3 | | |
| | SCED | 501 | <i>Earth Science Applications for K-8 Teachers</i> | | 3 | | |
| | SCED | 502 | <i>Physical Science Applications for K-8 Teachers</i> | | 3 | | |
| | | | | | | | |
| <i>Non-profit/vol. mgmt course (or equivalent)</i> | REC | 521 or 528 | <i>Recreation Administration or Principles of non-profit/volunteer management</i> | | 3 | | |
| <i>Research Methodology Courses</i> | | | | | 3 | | |
| <i>Elective</i> | | | | | | | |
| <i>Directed Research</i> | SCED | 697 | <i>Directed Research</i> | | | | |
| <i>Thesis/Project Units</i> | SCED | 698 | <i>Project</i> | | | | |
| Total Units: | | | | | | | |

Deficiencies: _____

Professional Presentation: _____

Approvals*

Thesis Chair: _____ Date _____

Graduate Advisor: _____ Date _____

Department Chair: _____ Date _____

Associate Dean (CNSM): _____ Date _____

* Any modification to this program requires the approval of the student's Thesis Chair, the Department Chair, and the Associate Dean, CNSM