

|  |              | <b>CERTIFICATE CHECKLIST - FALL 2004</b>   |  |
|--|--------------|--|--|
|  |              | <b>Electron Microscopy: Biological</b>   |  |
| Name (last,first): _____                                 |              | All courses must have a grade of "C" or above. A minimum of 12 or two-thirds (whichever is greater) of the required units of the specific subject matter must be completed at San Joaquin Delta College. Units earned through Credit by Exam do not apply. |  |
| Date: _____  | SSN: _____   |  |  |
| Evaluator: _____   | Phone: _____ | Notes: _____   |  |
| Applied: Year _____ Summer _____ Fall _____ Spring _____ |              |  |  |
| Status: _____ Pending _____ Complete _____ Denied _____  |              |  |  |

Minimum units required = 54.0

|         |  | Units | Grade | Verified |
|---------|--|-------|-------|----------|
| BIOL 1  | Core Biology                               | 4.0   |       |          |
| CHEM 3A | Introduction to Chemistry                  | 4.0   |       |          |
| CS 18   | Micro. & Small Business: Apple Macintosh   | 3.0   |       |          |
| EM 11   | Photography for Laboratory Technicians     | 2.0   |       |          |
| EM 21   | Intro. Techniques of Electron Microscopy   | 3.0   |       |          |
| EM 22   | Ultramicrotomy for Electron Microscopy     | 4.5   |       |          |
| EM 28   | Biological Ultrastructure                  | 2.0   |       |          |
| EM 30   | Current Microscopies, Optics, Theory, App. | 3.0   |       |          |
| EM 37   | Adv. Tech. Biological Electron Microscopy  | 3.5   |       |          |
| EM 38   | Scanning Electron Microscopy               | 3.0   |       |          |
| EM 39   | Adv. Biological SEM                        | 2.0   |       |          |
| EM 53   | Electron Microscopy Equipment Mtce.        | 3.0   |       |          |
| EM 58   | Digital Imaging for Microscopy             | 2.0   |       |          |
| EM 59   | Adv. Projects in Electron Microscopy       | 2.0   |       |          |
| PHYS 10 | Introduction to Physics                    | 4.0   |       |          |

Complete one of the following MATH options:

|           |                                | Units | Grade | Verified |
|-----------|--------------------------------|-------|-------|----------|
| MATH 80 & | Elementary Algebra (or higher) | 4.0   |       |          |
| MATH 82 & | Intermediate Algebra           | 4.0   |       |          |
| MATH 31   | Trigonometry                   | 3.0   |       |          |
| <b>OR</b> |                                |       |       |          |
| MATH 80 & | Elementary Algebra (or higher) | 4.0   |       |          |
| MATH 87   | Technical Mathematics          | 5.0   |       |          |

Note: MATH 87 - not currently offered

