

IE Measures  
Summer 1997

Department of Biology  
David H. Vickers, Chair

Participating Faculty: Drs. L. Ehrhart, D. Kuhn, G. Lindbeck, J. Osborne, F. Snelson, Jr.,  
I. Stout, H. Sweet, W. Taylor, L. Von Kalin, J. Weishampel, and H. Whittier.

Biology, CIP 26.0101, MS Graduate.

Expanded Statement of Institutional Purpose	Departmental/Program Intended Outcomes/Objectives	Assessment Criteria and Procedures	Assessment Results	Use of Results
<p><b>MISSION Statement:</b> Our mission is to offer quality MS level graduate study at UCF and to prepare students for doctoral study at other institutions.</p> <p><b>GOALS Statement:</b> One of our major goals is to assure that our graduates are capable of success in their chosen careers.</p>	<ol style="list-style-type: none"><li>1. Biology's MS graduates will be competitive for further professional study.</li><li>2. Biology MS graduates must clearly demonstrate the ability to apply the scientific method in the formulation and testing of a hypothesis.</li><li>3. Students completing an MS in Biology will be able to obtain employment in their field following graduation.</li></ol>	<ol style="list-style-type: none"><li>1. As determined by Departmental Survey 75% of Biology MS graduates applying for further professional study will be accepted.</li><li>2. Theses of all MS graduates of the past two years were reviewed to determine degree of compliance with this competency.</li><li>3. As determined by Departmental Survey 90% of MS graduates not continuing postgraduate education will become employed in field within 1 year.</li></ol>	<ol style="list-style-type: none"><li>1. Two of eight 95-96 MS graduates applied for further study at Duke and Southern Mississippi and were accepted.</li><li>2. Assessment of 12 theses in 7 subcompetencies and one overall measure showed our graduates to be in overall compliance.</li><li>3. Two of eight 95-96 MS grads were continuing education while 5 were employed full time and 1 part time. All are in field.</li></ol>	<ol style="list-style-type: none"><li>1. MS graduates desiring to continue doctoral level studies are encouraged to do so as most are well qualified.</li><li>2. Procedures for approval of theses have been strengthened to improve performance in areas of perceived weakness.</li><li>3. Students are advised that the local economy can still absorb Biology MS graduates, especially in the environmental areas.</li></ol>