

COURSE PROGRAM

December 5-12, 2009

❖ December 4, Friday

6:00-7:30 p.m. WELCOME RECEPTION - Hampton Inn Hospitality Suite

❖ December 5, Saturday

9:00 WELCOME

9:30 ANATOMY AND PHYSIOLOGY

10:00 COFFEE BREAK

10:15 ANATOMY AND PHYSIOLOGY (continued)

12:00 LUNCH

1:30 CLASSIFICATION

2:00 USE OF TAXONOMIC KEYS

3:00 COFFEE BREAK

3:15 INTRODUCTION TO LABORATORY PROCEDURES

4:30 ADJOURN

❖ December 6, Sunday

8:30 MORPHOLOGY & BIOLOGY OF DORYLAEMIDA

10:00 COFFEE BREAK

10:15 LABORATORY: *Xiphinema*, *Longidorus*, and *Trichodorus*

12:00 LUNCH

1:30 MORPHOLOGY & BIOLOGY OF APHELENCHIDA

2:30 LABORATORY: *Aphelenchus*, *Aphelenchoides*, and *Bursaphelenchus*

3:00 COFFEE BREAK

3:15 LABORATORY CONTINUED

4:30 ADJOURN

❖ December 7, Monday

8:30 MORPHOLOGY & BIOLOGY OF CRICONEMATOIDEA

9:00 LABORATORY: *Criconemoides*, *Hemicriconemoides*, *Hemicycliophora*

- 10:00 COFFEE BREAK
- 10:15 MORPHOLOGY & BIOLOGY OF CRICONEMATOIDEA (continued)
- 11:00 LABORATORY: *Paratylenchus* and *Tylenchulus*
- 12:00 LUNCH
- 1:30 MORPHOLOGY & BIOLOGY OF HETERODERIDAE
- 2:30 LABORATORY: *Meloidogyne* and *Heterodera*
- 3:00 COFFEE BREAK
- 3:15 LABORATORY (continued)
- 4:30 ADJOURN

❖ **December 8, Tuesday**

- 8:30 MORPHOLOGY & BIOLOGY OF PRATYLENCHIDAE
- 9:30 LABORATORY: *Pratylenchus* and *Radopholus*
- 10:00 COFFEE BREAK
- 10:15 MORPHOLOGY & BIOLOGY OF HOPLOLAIMIDAE
- 11:00 LABORATORY: *Rotylenchulus*
- 12:00 LUNCH
- 1:30 REVIEW
- 2:30 IDENTIFICATION EXAM I
- 4:00 ADJOURN

❖ **December 9, Wednesday**

- 9:00 GROUP PHOTO (meet at front entrance of Long Hall)
- 9:15 TRIP TO THE MOUNTAINS
- 5:00 RETURN TO CLEMSON

❖ **December 10, Thursday**

- 8:30 MORPHOLOGY & BIOLOGY OF HOPLOLAIMIDAE
- 10:00 MANAGEMENT PRINCIPLES – Field Crops
- 12:00 LUNCH
- 1:30 LABORATORY: *Helicotylenchus*, *Hoplolaimus*, and *Scutellonema*
- 3:00 COFFEE BREAK

- 3:15 MORPHOLOGY & BIOLOGY OF DOLICHODORIDAE
4:00 LABORATORY: *Dolichodorus*, *Belonolaimus*, and *Tylenchorhynchus*
5:00 ADJOURN

❖ **December 11, Friday**

- 8:30 MORPHOLOGY & BIOLOGY OF TYLENCHIDAE AND ANGUINIDAE
10:00 COFFEE BREAK
10:15 LABORATORY: *Tylenchus*, *Anguina*, and *Ditylenchus*
12:00 LUNCH
1:30 EXTRACTION & SAMPLING TECHNIQUES
2:00 COLLECT & PROCESS SOIL SAMPLES - Room 210, Nematology Lab
4:30 ADJOURN

❖ **December 12, Saturday**

- 8:30 REVIEW
9:30 IDENTIFICATION EXAM II - cumulative
11:00 CRITIQUE & PRESENTATION OF CERTIFICATES