CSP2220 - Fish Identification

Course Code	**CSP2220**
Course Title	**Fish Identification**
Description	The purpose of this course is to develop participants' fish identification skills and knowledge of freshwater fish species. Participants learn an overall system for identifying fish, including collection labeling and preservation, sample processing, use of distribution maps, use of dichotomous keys, and taxonomic procedures (e.g., counting scales and rays, extracting and counting pharyngeal teeth). Course location will determine regional freshwater fish that are emphasized (cyprinids and percids at the NCTC); however, specimens from nearly all North American freshwater fish families will be available for study. This course is 'hands on' and lab-intensive. Field exercises provide fresh specimens for identification. **EFISH - Fishes of Virginia - The Virtual Aquarium** This class is available for <u>3 hours</u> of Graduate credit through West Virginia University. The graduate credit option is considerably more rigorous and includes both pre and post course work (readings, writing papers and taking an examination). Objectives: • Correctly identify unknown fish by following the methods described in the course • Use proper fish-collection labeling and preservation techniques • Discuss the benefits of using a combination of reference sources for fish identification • Use distributional maps as an aid to fish identification • Employ dichotomous keys • Discuss identification tricks-of-the-trade • Correctly obtain morphometric information needed for fish identification **Target Audience:** Anyone needing fish identification skills
Delivery Method	Instructor Led
Non-FWS Fee	$1,195.00
Instructional Hours	38
Credits/CEUs	3.0
Course Content Contact	Matthew Patterson; matthew_patterson@fws.gov; (304) 876-7473; **matthew_patterson@fws.gov**
Curriculum Category	**Aquatic Species Biology and Conservation**
Course Frequency	Every other year
Registration Link	Register in DOI Talent
DOI TALENT Course Type	ILT
College Credit Name	Semester Hours
College Credit Value	2

Schedule: CSP2220 - Fish Identification

Start	End	Session Information	Location	Session Contact
8/26/2018	8/30/2018	For registration questions: brenda_hooper@fws.gov For course content questions: eric_kelchlin@fws.gov Class begins at 8:00am on the first day and ends at noon on the last day	National Conservation Training Center (NCTC)	brenda_hooper@fws.gov

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