

```
DELIMITER $$
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```
CREATE FUNCTION fn_verifier_conflit_formateur(  
    p_formateur_id INT,  
    p_jour VARCHAR(20),  
    p_heure_debut TIME,  
    p_heure_fin TIME,  
    p_seance_id_exclue INT,  
    p_edt_id INT  
) RETURNS BOOLEAN  
DETERMINISTIC  
READS SQL DATA  
BEGIN  
    DECLARE v_nb_conflits INT;  
  
    SELECT COUNT(*) INTO v_nb_conflits  
    FROM Seance s  
    JOIN SeanceProgramme sp ON s.id = sp.seance_id  
    JOIN AffectationModule am ON sp.affectation_module_id = am.id  
    WHERE am.formateur_id = p_formateur_id  
    AND s.emploi_du_temps_id = p_edt_id  
    AND s.jour_semaine = p_jour  
    AND (  
        (s.heure_debut < p_heure_fin AND s.heure_fin > p_heure_debut)  
    )  
    AND (p_seance_id_exclue IS NULL OR s.id != p_seance_id_exclue);  
  
    RETURN v_nb_conflits > 0;  
END$$
```

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DELIMITER ;
```